BLOCK-1

SHEET NO.2

LOOM HALL,YARN GODOWN AND FABRIC INSPECTION HALL (GROUND FLOOR AND MEZZANINE FLOOR)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

SCALE:- 1:100

(PROPOSED TOTAL H.P = 3750.00 H.P)

ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	11163.03
2	MEZZANINE FLOOR	38.27
3	FIRST FLOOR	3992.54
	TOTAL	15193.84

REFERENCE:-

PROPOSED BUILDING

SCHEDULE OF JOINERY

ID	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	4.00M4.11M
RS3	ROLLING SHUTTER	3.00M4.00M
RS1	ROLLING SHUTTER	3.00M4.00M
DD1	DOUBLE DOOR	1.80D3.00M
DD3	DOUBLE DOOR	1.20D3.00M
DD	DOUBLE DOOR	1.20D2.40M
D2	TOILET DOOR	0.75D2.10M
D3	DOOR	1.00D3.00M
D4	DOOR	1.00D2.40M
AD2	ALUMINIUM DOOR	1.0BD2.40M
AD	AUTOMATIC DOOR	3.00X4.00M
AD1	AUTOMATIC DOOR	2.40X2.40M
ASGD	AUTOMATIC SLIDING GLASS DOOR	1.80X2.40M
W	WINDOW	1.80X2.10M
V	VENTILATOR	3.20X0.90M
V1	VENTILATOR	2.40X0.90M
V2	VENTILATOR	0.90X0.90M
LO1	LIFT DOOR 1	1.20X2.10M
ATD	AIR TIGHT DOOR	0.75X2.10M

NOTE:-

DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.

STRUCTURE IS SAFE FOR EARTHQUAKE

FIRE EXTINGUISHER TO BE PROVIDED

SOLID WASTE DISPOSAL TO BE PROVIDED

M.V =MECHANICAL VENTILATION TO BE PROVIDED

INDUSTRIAL COOLING SYSTEM TO BE PROVIDED

HUMIDIFICATION TO BE PROVIDED

OFFICE USE:-

Er.V.MANIMARAN,M.E(Thermal)
Structural Engineer & Owner
Regn.No.:E/2018/0001(M)
Reg. No. 004 / 2019-20
Valid upto 31.03.2021
6/105 (6/7 New) Thermal Nagar,
9444441888 Works 94940 12288

STRUCTURAL ENGINEER

Er.S.RAMAPRATH, M.E.,M.I.E.(I),M.I.V.E.,M.I.M.A.,
REGISTERED Contractor& Engineer Chartered Engineer
(CIDC) Regn No: CE/18/0214 Dt. 18.05.2018)
(TNCMDA) Regn No: TNCMDA/CE/2018/0021
No.27, Thomas Street, Kodungaiyur, Madras - 600 060.
Ph: 25990100, 9952 200100
E-mail: ramaprathenterprises@gmail.com

CONSTRUCTION ENGINEER

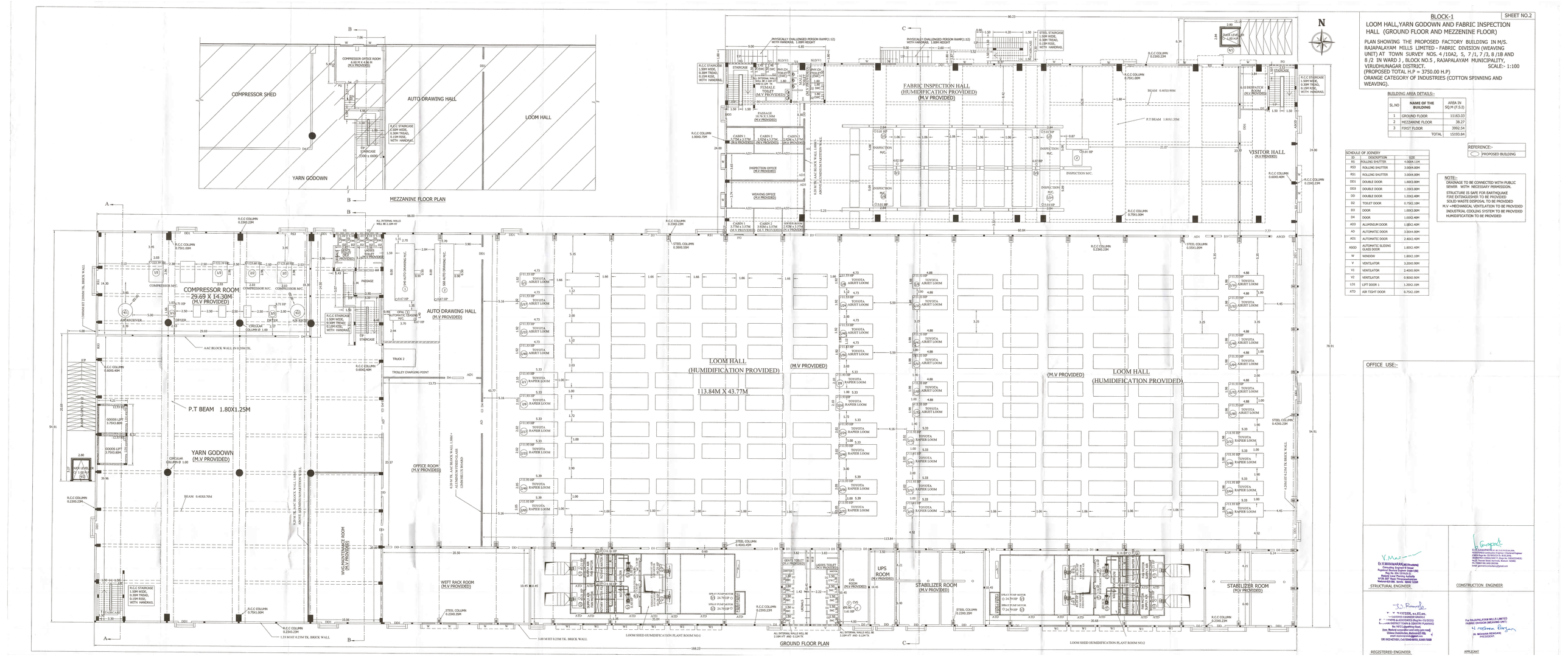
P. MANIVEL, M.E.(Struct.),
REGISTERED ENGINEER & ASSOCIATES (Reg.No: CG/2015)
DISTRICT TOWN & COUNTRY PLANNING
(Reg.No: DTCP/VNR/2018/0001)
Area: Madurai metropolitan and nearby areas
Chinna Chokkikulam, Madurai-625 002.
E-mail: mpmanivel@gmail.com
Off: 0452-4274501, Cell:93845-85181, 63825-75888

REGISTERED ENGINEER

For RAJAPALAYAM MILLS LIMITED FABRIC DIVISION (WEAVING UNIT)

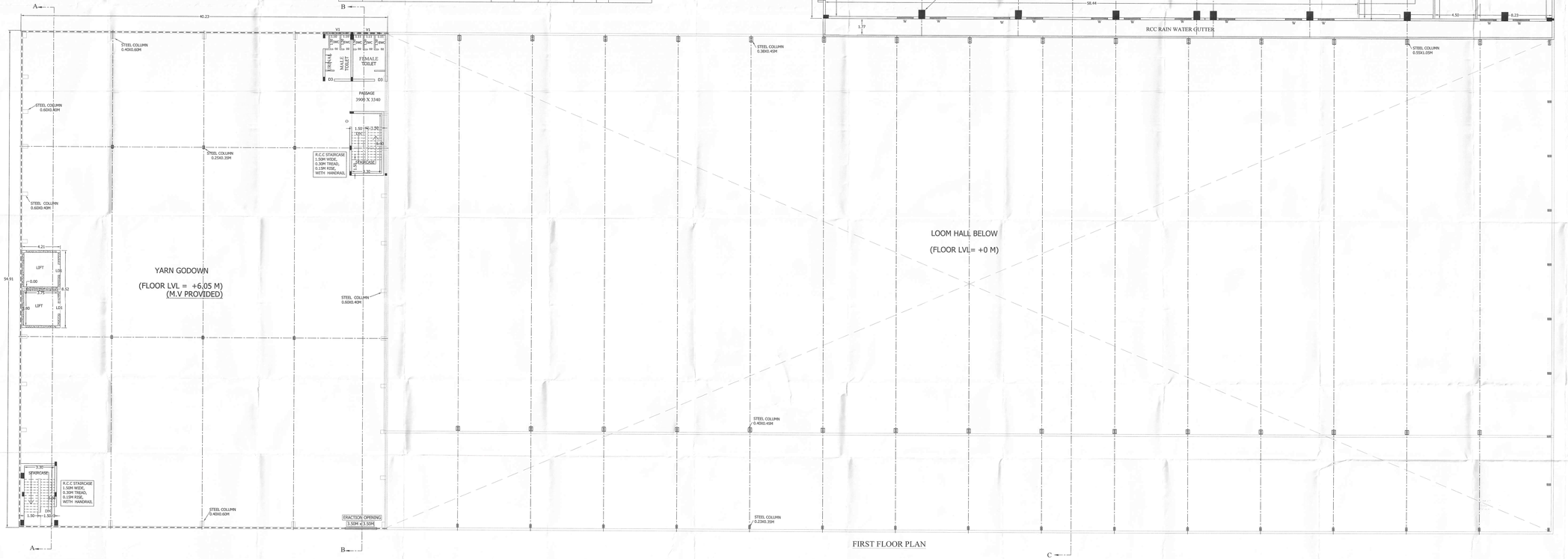
DR. MOHANA RENGAN
PRESIDENT

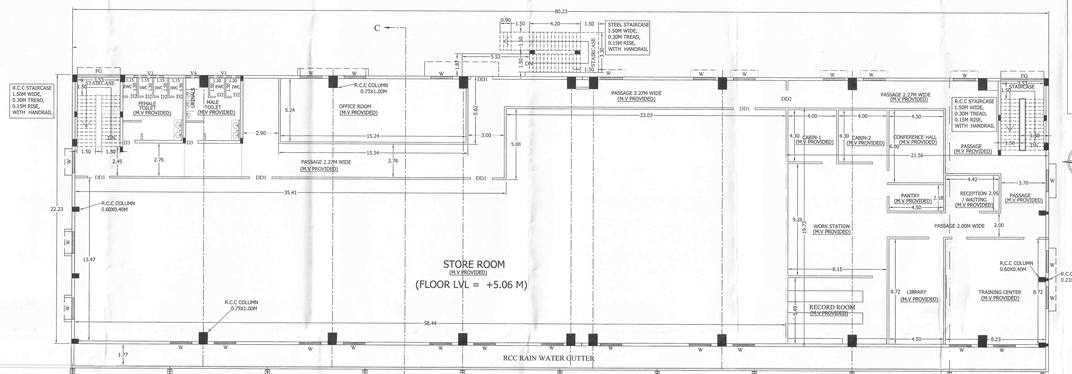
APPLICANT



SHEET NO.	SL. NO.	PROPOSED M/C LAYOUT DETAILS:- NAME OF M/C.	NO.OF M/C.	H.P EACH	TOTAL H.P	GRAND TOTAL H.P	AREA OF M/C.
2 TO 5		LOOM SHED:-					
	1	TOYOTA AIRJET JACQUARD	80	11.53	922.40		754.39
	2	TOYOTA RAPIER JACQUARD	80	11.93	954.40		772.95
		TOTAL	160 NOS.		1876.80 H.P	**1876.80 H.P**	1527.34 SQ.M
		GREY FABRIC INSPECTION ROOM:-					
	1	FABRIC INSPECTION M/C.	14	5.01	70.14		201.98
	2	FABRIC INSPECTION M/C.	1	5.01	5.01		9.16
	3	CONVEYOR SYSTEM	5	4.02	20.10		-
		TOTAL	20 NOS.		95.25 H.P	**95.25 H.P**	264.02 SQ.M
		LOOM SHED HUMIDIFICATION PLANT NO.1:-					
	1	SUPPLY AIR FAN	2	40.20	80.40		-
	2	EXHAUST AIR FAN	2	40.20	80.40		-
	3	SPRAY PUMP MOTOR	2	24.79	49.58		-
	4	DUST COLLECTOR	2	5.36	10.72		-
	5	ROTARY AIR FILTER	2	0.50	1.00		-
	6	ROTARY WATER FILTER	2	0.16	0.32		-
		TOTAL	12 NOS.		222.42 H.P	**222.42 H.P**	
		LOOM SHED HUMIDIFICATION PLANT NO.2:-					
	1	SUPPLY AIR FAN	2	40.20	80.40		-
	2	EXHAUST AIR FAN	2	40.20	80.40		-
	3	SPRAY PUMP MOTOR	2	24.79	49.58		-
	4	DUST COLLECTOR	2	5.36	10.72		-
	5	ROTARY AIR FILTER	2	0.50	1.00		-
	6	ROTARY WATER FILTER	2	0.16	0.32		-
	7	CVS	1	1.61	1.61		-
		TOTAL	13 NOS.		224.03 H.P	**224.03 H.P**	
		COMPRESSOR ROOM:-					
	1	COMPRESSOR M/C. (NO.1 TO 3)	3	222.39	667.17		18.03
	2	COMPRESSOR M/C. (NO.4 AND 5)	2	125.60	251.20		12.02
	3	AIR DRIER	5	8.71	43.55		8.55
	4	AIR RECEIVER	2	-			6.28
		TOTAL	12 NOS.		961.92 H.P	**961.92 H.P**	44.88 SQ.M
		AUTOMATIC DRAWING HALL:-					
	1	S40 AUTO DRAWING M/C.	1	0.67	0.67		21.60
	2	SAFIER 560 AUTO DRAWING M/C.	1	0.67	0.67		21.60
	3	OPAL AUTOMATIC LEASING M/C.	1	0.67	0.67		5.18
	4	DUCK LEVELLER	2	1.00	2.00		15.90
		TOTAL	5 NOS.		4.01 H.P	**4.01 H.P**	64.28 SQ.M
6 AND 7		FABRIC WARE HOUSE:-					
	1	PEACHING CUM BRUSHING M/C.	1	64.34	64.34		42.70
	2	BIG BATCHING M/C.	1	10.05	10.05		40.00
	3	FOLDING M/C.	1	8.04	8.04		18.83
	4	BALE PRESS M/C.	1	13.40	13.40		2.40
		TOTAL	4 NOS.		95.83 H.P	**95.83 H.P**	103.93 SQ.M
10		FIRE HYDRANT PUMP ROOM:-					
	1	JOCKEY PUMP	1	7.37	7.37		0.69
	2	MAIN PUMP	1	73.68	73.68		1.23
	3	DIESEL ENGINE PUMP	1	94.00	94.00		2.24
		TOTAL	3 NOS.		175.05 H.P	**175.05 H.P**	4.16 SQ.M
9		SEWAGE TREATMENT PLANT:-					
	1	SEWAGE TRANSFER PUMP	2	1.00	2.00		-
	2	AERATION BLOWER	2	5.00	10.00		-
	3	SECONDARY CLARIFIER	1	0.75	0.75		-
	4	SLUDGE RECYCLING PUMP	2	1.00	2.00		-
	5	FILTER FEED PUMP	2	3.00	6.00		-
	6	SEWAGE TRANSFER PUMP	8	3.00	24.00		-
		TOTAL	17 NOS.		44.75 H.P	**44.75 H.P**	-
		GENERAL:-					
		LIFT	2	12.53	25.06		
		LIGHTING LOAD	-	-	24.88		
		TOTAL	2 NOS.		49.94	**49.94 H.P**	
		H.P GRAND TOTAL				**3750.00 H.P**	

MAXIMUM NO. OF WORKERS MAY BE EMPLOYED:-	
MALE	250 NOS.
FEMALE	100 NOS.
TOTAL	350 NOS.





BLOCK-1

SHEET NO.3

LOOM HALL,YARN GODOWN AND FABRIC INSPECTION HALL (FIRST FLOOR)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

SCALE:- 1:100

(PROPOSED TOTAL H.P = 3750.00 H.P)

ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

N

BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	11163.03
2	MEZZENINE FLOOR	38.27
3	FIRST FLOOR	3992.54
	TOTAL	15193.84

REFERENCE:-

PROPOSED BUILDING

NOTE:-

DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.

STRUCTURE IS SAFE FOR EARTHQUAKE

FIRE EXTINGUISHER TO BE PROVIDED

SOLID WASTE DISPOSAL TO BE PROVIDED

MECHANICAL VENTILATION TO BE PROVIDED

INDUSTRIAL COOLING SYSTEM TO BE PROVIDED

HUMIDIFICATION TO BE PROVIDED

SCHEDULE OF JOINERY

SI	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	4.00X4.11M
RS3	ROLLING SHUTTER	3.00X4.00M
RS1	ROLLING SHUTTER	3.00X4.00M
DD1	DOUBLE DOOR	1.80X3.00M
DD3	DOUBLE DOOR	1.20X3.00M
DD	DOUBLE DOOR	1.20X2.40M
D2	TOILET DOOR	0.75X2.10M
D3	DOOR	1.00X3.00M
D4	DOOR	1.00X2.40M
AD3	ALUMINIUM DOOR	1.00X2.40M
AD	AUTOMATIC DOOR	3.00X4.00M
AD1	AUTOMATIC DOOR	2.40X2.40M
ASGD	AUTOMATIC SLIDING GLASS DOOR	1.80X2.40M
W	WINDOW	1.80X2.10M
V	VENTILATOR	3.20X0.90M
V1	VENTILATOR	2.40X0.90M
V2	VENTILATOR	0.90X0.90M
LD1	LIFT DOOR 1	1.20X2.10M

OFFICE USE:-

Er.V.MANIMARAN M.E(Structural)
Consulting Engineer & Valuer
Regional Director Engineer (Retd)-CEG
Reg. No. 2554 / 2010/R1/3
Mobile : 94434 12265, 94434 12275
6/170, GST Road, Thiruparankundram,
Madurai-625 005. Mobile : 98940 12265

STRUCTURAL ENGINEER

Er.K.GANAPATHY, B.E.,M.I.E.(I),F.I.V.E.(I),M.Inst.
M.I.E.E.E.(I),M.I.P.E.(I),M.I.A.E.(I),M.I.E.T.E.(I),M.I.S.E.(I),M.I.E.(I),M.I.A.S.(I),M.I.S.T.E.(I),M.I.E.(I),M.I.E.(I),M.I



TERRACE FLOOR PLAN

BLOCK-1

LOOM HALL,YARN GODOWN AND FABRIC INSPECTION HALL (TERRACE FLOOR)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT. **SCALE:- 1:100**
(PROPOSED TOTAL H.P = 3750.00 H.P)
ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

N

BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	11163.03
2	MEZZENINE FLOOR	38.27
3	FIRST FLOOR	3992.54
	TOTAL	15193.84

REFERENCE:-

PROPOSED BUILDING

NOTE:-
DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.
STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED
MECHANICAL VENTILATION TO BE PROVIDED
INDUSTRIAL COOLING SYSTEM TO BE PROVIDED
HUMIDIFICATION TO BE PROVIDED

SCHEDULE OF JOINERY

SC	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	4.00X4.11M
RS3	ROLLING SHUTTER	3.00X4.00M
RS1	ROLLING SHUTTER	3.00X4.00M
DD1	DOUBLE DOOR	1.80X3.00M
DD3	DOUBLE DOOR	1.20X3.00M
DD	DOUBLE DOOR	1.20X2.40M
D2	TOILET DOOR	0.75X2.10M
D3	DOOR	1.00X3.00M
D4	DOOR	1.00X2.40M
AD3	ALUMINIUM DOOR	1.00X2.40M
AD	AUTOMATIC DOOR	3.00X4.00M
AD1	AUTOMATIC DOOR	2.40X2.40M
ASGD	AUTOMATIC SLIDING GLASS DOOR	1.80X2.40M
W	WINDOW	1.80X2.10M
V	VENTILATOR	3.20X0.90M
V1	VENTILATOR	2.40X0.90M
V2	VENTILATOR	0.90X0.90M
LD1	LIFT DOOR 1	1.20X2.10M

OFFICE USE:-

Er.V.MANIMARAN, M.E(Structural)
Consulting Engineer & Valuer
Registered Structural Engineer (L/28/1295)
Govt. Approved Valuer
Madurai Local Planning Authority
6/126, DEO Road, Sivagurunathapuram,
Madurai-625 005. Mobile : 98947 12285

STRUCTURAL ENGINEER

R.VENKATESH, B.E.,M.I.I.P.E.,M.I.E.(I),M.I.V.
BUILDING PLANNER & VALUATION ENGINEER
CBDA Regn No: CD/1000/24 & 46/E/2018
Madurai Local Planning Authority Regn No:
No.31, Thomas Bose Avenue, Madurai -625002.
Ph: 7598037388, 8012 289366
Email: venkatesh.rvenkat@gmail.com

CONSTRUCTION ENGINEER

Er. R. RAMESH, B.E.,M.E.,
REGISTERED ENGINEER (CIVIL)
[M PLANNER & ASSOCIATES (Reg.No: 03/2022)
MADURAI CORPORATION & MADURAI LOCAL PLANNING AUTHORITY (Lic.No: 1977/LAR/2019-2020)]
[Old: Madurai Corporation and Madurai Local Planning Authority (Lic.No: 1977/LAR/2019-2020)]
Ukkira Chinthakulam, Madurai-625 001.
email: thameshmes@gmail.com
OR:+91-431-401, Cell: 94440-49044, 63823-70568

REGISTERED ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
Dr. MOHANAKRISHNAN
Authorised Signatory.

APPLICANT

BLOCK-1

SHEET NO.5

LOOM HALL,YARN GODOWN AND FABRIC INSPECTION HALL (SECTION AND ELEVATION DETAILS)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

SCALE:- 1:100

(PROPOSED TOTAL H.P = 3750.00 H.P)

ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

NOTE:-

DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.

STRUCTURE IS SAFE FOR EARTHQUAKE

FIRE EXTINGUISHER TO BE PROVIDED

SOLID WASTE DISPOSAL TO BE PROVIDED

MECHANICAL VENTILATION TO BE PROVIDED

INDUSTRIAL COOLING SYSTEM TO BE PROVIDED

HUMIDIFICATION TO BE PROVIDED

SCHEDULE OF JOINERY

ID	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	4.00X4.11M
RS3	ROLLING SHUTTER	3.00X4.00M
RS1	ROLLING SHUTTER	3.00X4.00M
DD1	DOUBLE DOOR	1.80X3.00M
DD3	DOUBLE DOOR	1.20X3.00M
DD	DOUBLE DOOR	1.20X2.40M
D2	TOILET DOOR	0.75X2.10M
D3	DOOR	1.00X3.00M
D4	DOOR	1.00X2.40M
AD3	ALUMINIUM DOOR	1.00X2.40M
AD	AUTOMATIC DOOR	3.00X4.00M
AD1	AUTOMATIC DOOR	2.40X2.40M
ASGD	AUTOMATIC SLIDING GLASS DOOR	1.80X2.40M
W	WINDOW	1.80X2.10M
V	VENTILATOR	3.20X0.90M
V1	VENTILATOR	2.40X0.90M
V2	VENTILATOR	0.90X0.90M
LD1	LIFT DOOR 1	1.20X2.10M

BUILDING AREA DETAILS:-

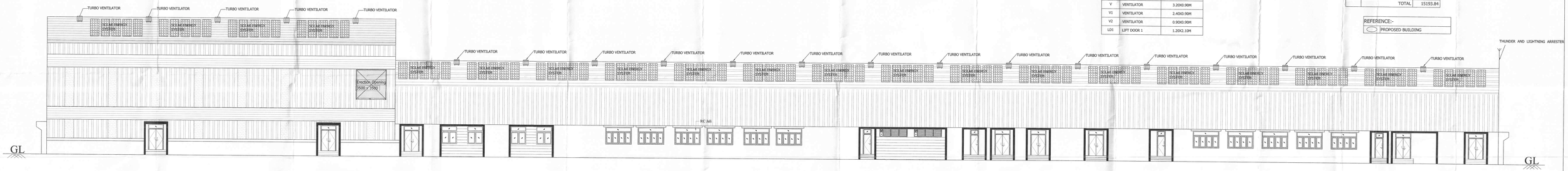
SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	11163.03
2	MEZZANINE FLOOR	38.27
3	FIRST FLOOR	3992.54
	TOTAL	15193.84

MAXIMUM NO. OF WORKERS MAY BE EMPLOYED:-

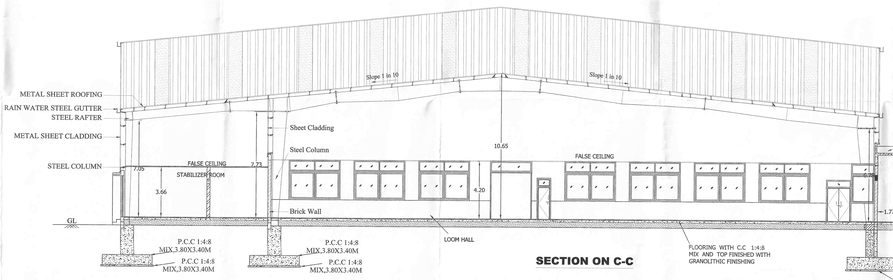
MALE	250 NOS.
FEMALE	100 NOS.
TOTAL	350 NOS.

REFERENCE:-

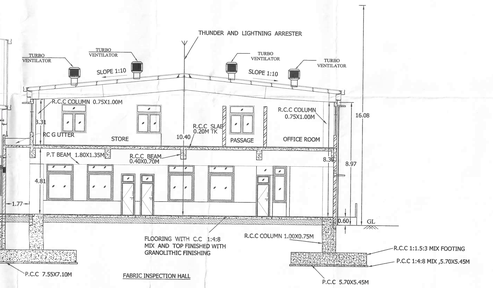
PROPOSED BUILDING

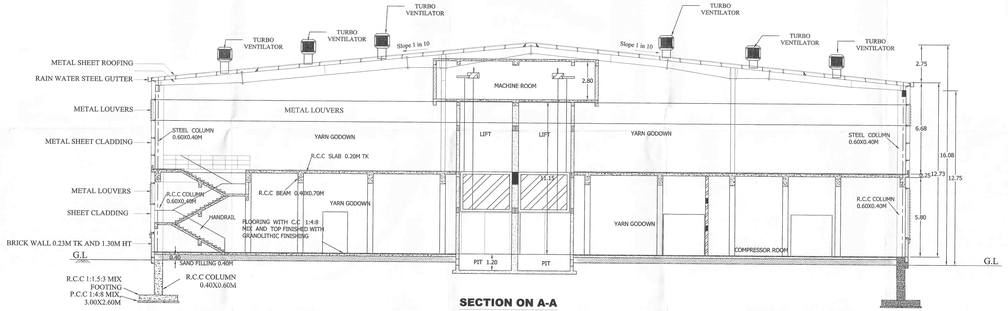


ELEVATION

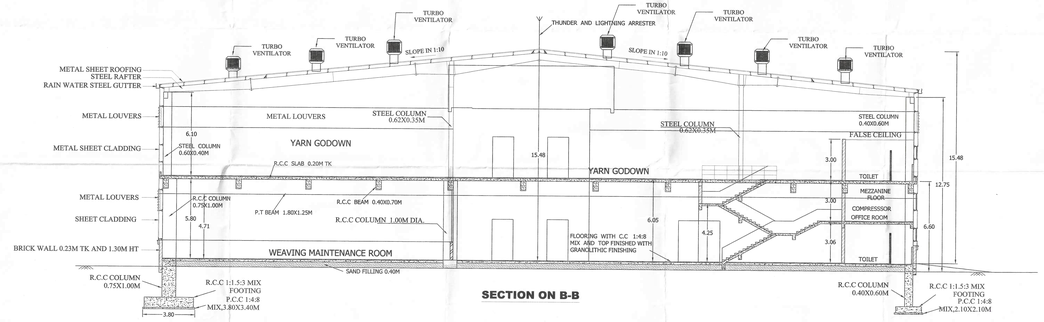


SECTION ON C-C





SECTION ON A-A



SECTION ON B-B

SCHEDULE OF JOINERY:-

S.No	ID	DESCRIPTION	SIZE
1.	RS	ROLLING SHUTTER	4.00M X4.11M
2.	RS3	ROLLING SHUTTER	3.00M X4.00M
3.	RS1	ROLLING SHUTTER	3.00M X4.00M
4.	DD1	DOUBLE DOOR	1.80Mx3.00M
5.	DD3	DOUBLE DOOR	1.20Mx3.00M
6.	DD	DOUBLE DOOR	1.20M X2.40M
7.	D2	TOILET DOOR	0.75MX2.10M
8.	D3	DOOR	1.00MX3.00M
9.	D4	DOOR	1.00MX2.40M
10.	AD3	ALUMINIUM DOOR	1.00MX2.40M

S.No	ID	DESCRIPTION	SIZE
11.	AD	AUTOMATIC DOOR	3.00MX4.00M
12.	AD1	AUTOMATIC DOOR	2.40MX2.40M
13.	ASGD	AUTOMATIC SLIDING GLASS DOOR	1.80MX2.40M
14.	W	WINDOW	1.80MX2.10M
15.	V	VENTILATOR	3.20MX0.90M
16.	V1	VENTILATOR	2.40MX0.90M
17.	V4	VENTILATOR	0.90MX0.90M
18.	LD1	LIFT DOOR1	1.20MX2.10M

OFFICE USE:-

STRUCTURAL ENGINEER

Er.V.MANIMARAN, M.E.(Structural)
Consulting Structural Engineer
Registered Valuer, Govt. of India
Lic. No. : IBBI/RV/06/2019/11
Lic. No. : 2019/S11/29
Panel Engineer, Bank of Baroda
Flat No. 2, Ramraj Apartments,
Ramraj Nagar, Palayamkottai - 627 002.
Ph : 0462-2572550, Mobile : 9443172550

CONSTRUCTION ENGINEER

Er.K.GANAPATHI M.E.(Structural),MIE
RESIDENCE Government Approved Engineer / Chartered Engineer
Regn.No. : IE(I)/M/1218 Dt. 05.05.2010
CERTIFICATE No. : STR/0174/AC/79 (Regn.No: 2004/20/0422)
No.31, Thevar Colony, Kamarajapuram, Madurai - 625020.
Ph : 7598431366, 9486180366
Email : pramithiconsultations@gmail.com

REGISTERED ENGINEER

Er. R. RAMDHAS, B.E.,M.E.,etc.,
Town Planning Consultant
DM PLANNING & ASSOCIATES (Regn.No: 03/2020)
MADURAI DISTRICT TOWN & COUNTRY PLANNING
No. 14/21 Lajapathiraj Street,
I Vaigai, Madurai corporation ward entry gate road)
Ghatha Chekkiulam, Madurai-625 002.
Ph : 9842482337, 0452-2605337

APPLICANT

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
(M. MOHAMA RONDANI)
PRESIDENT.

SHEET NO.6

BLOCK-2
FABRIC WARE HOUSE
(GROUND FLOOR AND MEZZENINE FLOOR)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT. SCALE:- 1:100

(PROPOSED TOTAL H.P = 3750.00 H.P)
ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	3386.73
2	MEZZENINE FLOOR	462.77
	TOTAL	3849.50

REFERENCE:-

PROPOSED BUILDING

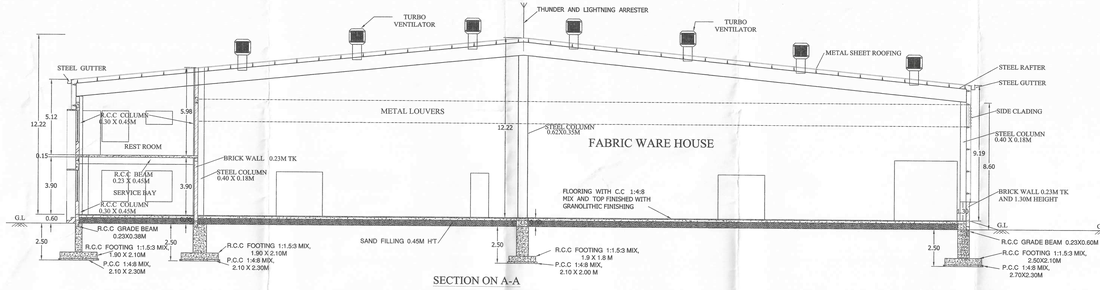
NOTE:-
DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.
STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED
MECHANICAL VENTILATION TO BE PROVIDED
INDUSTRIAL COOLING SYSTEM TO BE PROVIDED

SCHEDULE OF JOINERIES:-

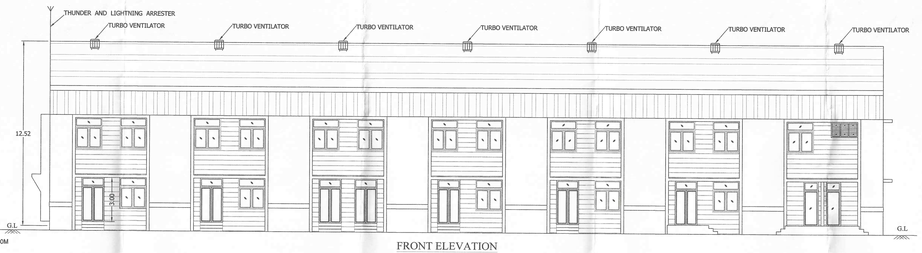
R.S	ROLLING SHUTTER 3.00X3.00M
R.S1	ROLLING SHUTTER 4.10X3.60M
R.S2	ROLLING SHUTTER 4.70X4.80M
D	DOUBLE DOOR 1.50X2.00M
D1	DOOR 1.00X2.40M
D2	DOOR 0.75X2.40M
D3	DOOR 1.20X2.00M
W	WINDOW 1.80X2.10M
V	VENTILATOR 3.00X1.20M

SL.NO.	NAME OF MACHINE	NO. OF M/C.	H.P EACH	TOTAL H.P	AREA OF M/C. IN SQ.M	NATURE
	FABRIC WARE HOUSE:-					
1	PEACHING CUM BRUSHING M/C.	1	64.34	64.34	42.70	PROPOSED M/C.
2	BIG BATCHING M/C.	1	10.05	10.05	40.00	PROPOSED M/C.
3	FOLDING M/C.	1	8.04	8.04	18.83	PROPOSED M/C.
4	BALE PRESS M/C.	1	13.40	13.40	2.40	PROPOSED M/C.
	TOTAL	4 NOS.		95.83 H.P	103.93 SQ.M	

OFFICE USE:-



SECTION ON A-A



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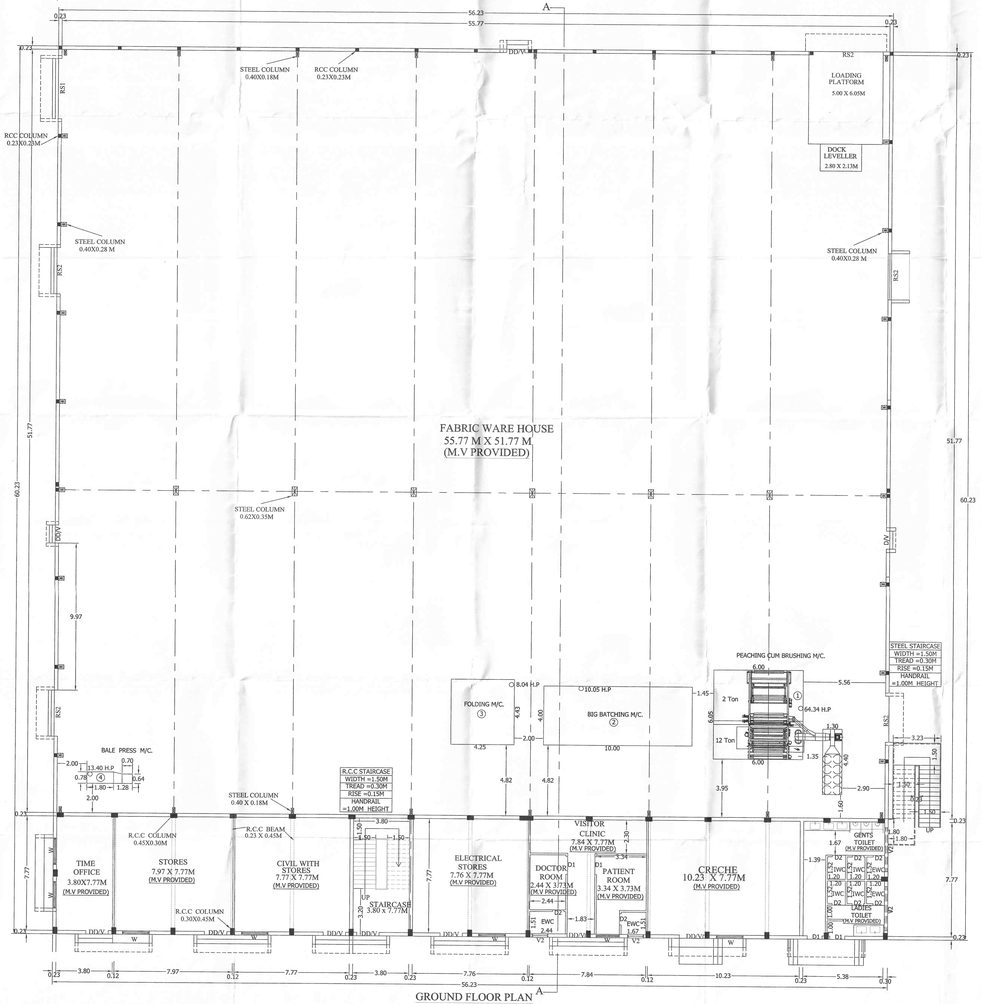


GROUND FLOOR PLAN

MEZZENINE FLOOR PLAN

Er.V.MANIMARAN, M(E)(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I(SE)
Reg. No: CS/1/2019 (GI-I)
Mobile: 9486612283, 9442612283
6/325, GST Road, Thiruparankundram,
Madurai-625 005. Mobile: 98946 12283

STRUCTURAL ENGINEER

Er.K.GANAPATHY, M.E.,M.I.E.,F.I.V.,M.IWA
REGISTERED Govt.Approved Engineer / Chartered Engineer
CMDA Regn. No.: CE/10007/2014, TR. VR.LR.DN
Valuation Regn. No.: CAT-I/TN/2021/0001/2021/0134/2021
No.12, Thomas Street, Narimedu, Madurai - 625002.
Ph: 7598001280, 0452-2605500
Email: gnanakrishnanmechanic@gmail.com

CONSTRUCTION ENGINEER

Regd. No. 8144/2008
Er. M. RAMESH, M.E.,M.I.E.,M.I.V.
GOVT. APPROVED ENGINEER (CLASS-I)
Chartered Engineer (Regd.No.CE/10007/2014)
Valuation Engineer (Regd.No.CAT-I/TN/2021/0001/2021/0134/2021)
Consulting Engineer & Valuer
Structural Engineer (Regd.No.CS/1/2019 (GI-I))
Architect (Regd.No.CA/2008/51)
COMMERCIAL PLANNER
No.12, Thomas Street, Narimedu, Madurai - 625002.
Ph: 7598001280, 0452-2605500
Email: gnanakrishnanmechanic@gmail.com

REGISTERED ENGINEER

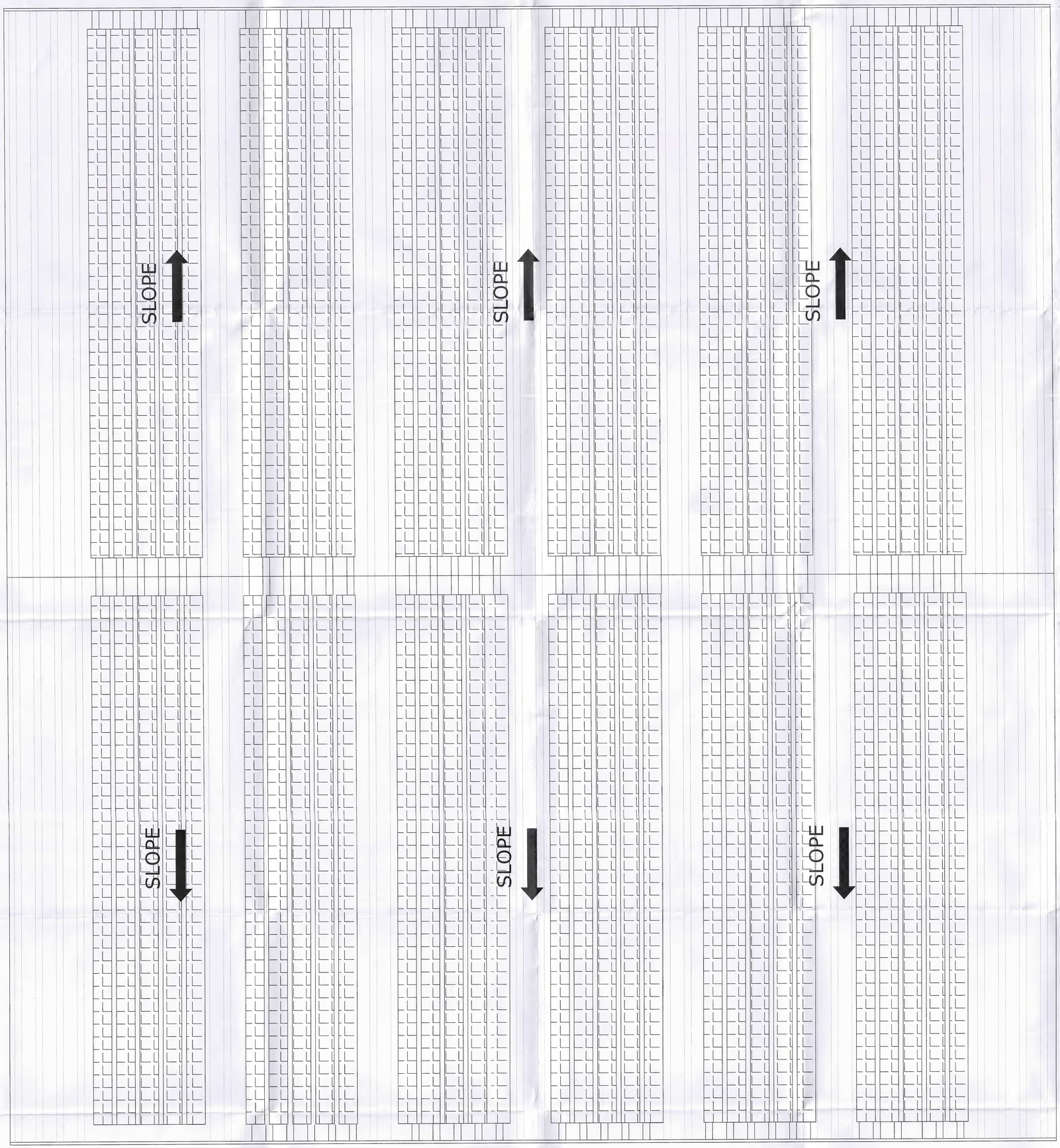
For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
(N. MOHANA RENGAN)
PRESIDENT.

APPLICANT

BLOCK-2
FABRIC WARE HOUSE
(ROOF SHEET PLAN)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT. **SCALE:- 1:100**

(PROPOSED TOTAL H.P = 3750.00 H.P)
ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).



N

ROOF SHEET PLAN

BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	3386.73
2	MEZZENINE FLOOR	462.77
	TOTAL	3849.50

REFERENCE:-

⬭	PROPOSED BUILDING

NOTE:-

DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.

STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED
MECHANICAL VENTILATION TO BE PROVIDED
INDUSTRIAL COOLING SYSTEM TO BE PROVIDED

OFFICE USE:-

V.Manimaran

Er.V.MANIMARAN, ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I(SE)
Reg. No : 004 / 2019 (Gr.I)
Madurai Local Planning Authority
6/129, GST Road, Thirupparankundram
Madurai-625 005. Mobile . 98946 12263

STRUCTURAL ENGINEER

K.Ganapathi

Er.K.GANAPATHI B.E.,M.E.,F.I.E.,F.I.V.,D.I.M.,(USA)
REGISTERED Construction Engineer / Chartered Engineer
(CMDA Regn No: CE/19/905/224 Dt. 06.05.2019)
GEOMATRIX CONSULTANCYY, (Regn No: 33024223348ZE)
No.22, Thomas Street, Narimedu, Madurai - 625002.
Ph: 7598031360, 0452-2905566
Email: geomatrixconsultancy@gmail.com

CONSTRUCTION ENGINEER

N.Ramesh

Er. N. RAMESH, B.E.,M.E.,MIE.,
REGISTERED ENGINEER GRADE-I
SK PLANNERS & ASSOCIATES (Reg.No: 03/2021)
MADURAI DISTRICT TOWN & COUNTRY PLANNING
No: 14/12 Lajapathiroy Road,
(opp. Madurai corporation west entry gate road)
Chinna Chokkikulam, Madurai-625 002.
email: skplannersmdu@gmail.com
Off: 0452-4231601, Cell: 93445-89161, 63855-78989

REGISTERED ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
N. Mohanarengan Rajan
(N. MOHANARENGAN)
Authorised Signatory.

APPLICANT

BLOCK-3
POWER HOUSE AND GENERATOR SHED

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT. **SCALE:- 1:100**

(PROPOSED TOTAL H.P = 3,750.00 H.P)
ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

NOTE:-
DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.
STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED
MECHANICAL VENTILATION TO BE PROVIDED

REFERENCE TO JOINERIES:-

DD	DOUBLE DOOR	3.00X3.00M
D1	DOUBLE DOOR	1.20X3.00M
W	WINDOW	1.80X2.00M
V	VENTILATOR	4.70X0.90M
V1	VENTILATOR	2.50X0.90M
O	OPENING	3.00X3.00M
O1	OPENING	1.95X3.00M
WMD	WELDMESH DOOR	1.65X2.25M
WM	WELDMESH	1.75M HEIGHT ABOVE 0.50M H'T BRICK WALL FROM FFL

BUILDING AREA DETAILS:-

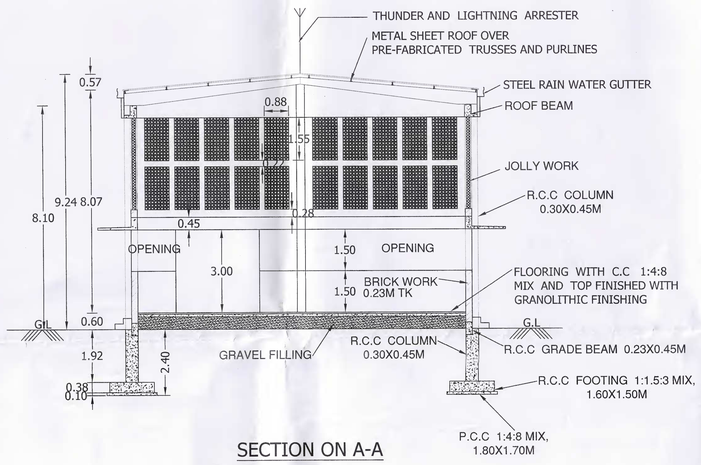
SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	650.91

REFERENCE:-
PROPOSED BUILDING

OFFICE USE:-

GENERATOR DETAILS:- (PROPOSED - STANDBY)

SL. NO.	NAME OF M/C.	NO. OF M/C.	KVA EACH	TOTAL KVA
1	DIESEL GENERATOR	1 NO.	1,250 KVA	1,250 KVA



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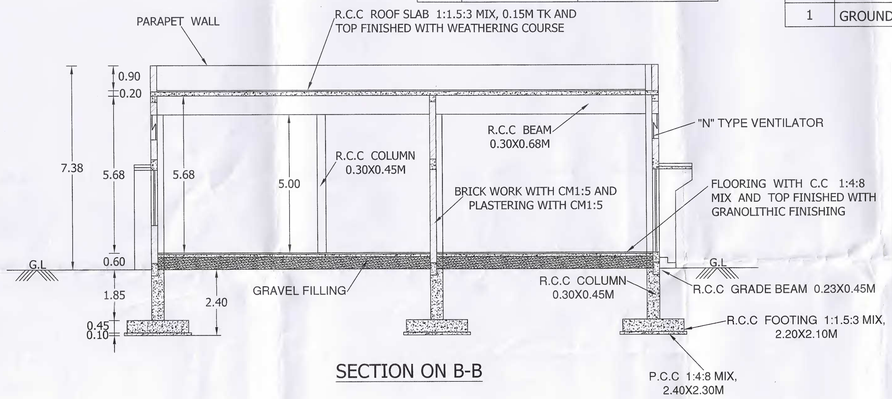
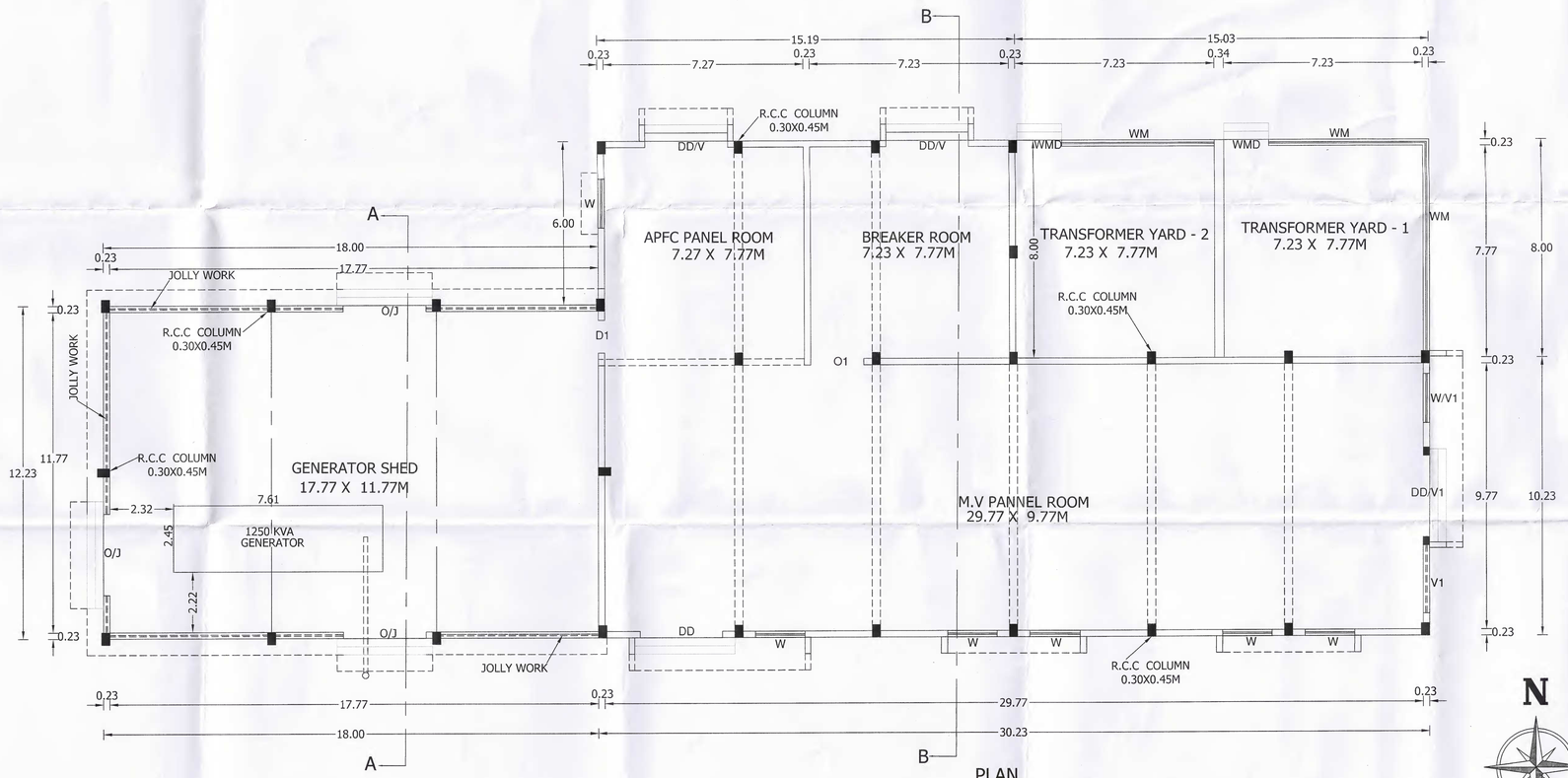


SECTION ON B-B



FRONT ELEVATION



PLAN

Er.V.MANIMARAN, ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I(SE)
Reg. No : 004 / 2019 (Gr.I)
Madurai Local Planning Authority
6/126, OST Road, Thiruppaankundram
Madurai-625 005. Mobile : 98946 12283
STRUCTURAL ENGINEER

Er. N. RAMESH, B.E.,M.E.,MIE.,
REGISTERED ENGINEER GRADE-I
SK PLANNERS & ASSOCIATES (Reg.No: 03/2021)
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email: skplannersmdu@gmail.com
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REGISTERED ENGINEER

Er.K.GANAPATHI B.E.,M.E.,F.I.V.,D.I.M.,(USA)
REGISTERED Construction Engineer / Chartered Engineer
(CMDA Regn No: CE/19/05/224 Dt. 06.05.2019)
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No.22, Thomas Street, Narimedu, Madurai - 625002.
Ph: 7598031360, 0452-2905556
Email: geomatrixconsultancy@gmail.com
CONSTRUCTION ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
N. Mohana Rangan
(N. MOHANARENGAN)
Authorised Signatory.
APPLICANT

BLOCK-4 (WEIGH BALANCE ROOM)
BLOCK-5 (SECURITY ROOM)
BLOCK-6 (FIRE TENDER VEHICLE SHED)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

(PROPOSED TOTAL H.P = 3750.00 H.P) SCALE:- 1:100

ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

NOTE:-

DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.

STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED
MECHANICAL VENTILATION TO BE PROVIDED

BUILDING AREA DETAILS:-

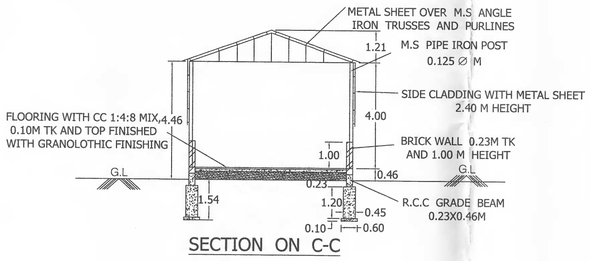
SL.NO	BLOCK NO.	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	4	WEIGH BALANCE ROOM - GROUND FLOOR	28.28
2	5	SECURITY ROOM - GROUND FLOOR	57.28
3	6	FIRE TENDER SHED - GROUND FLOOR	66.84
		TOTAL	152.40

REFERENCE:-	
⬭	PROPOSED BUILDING

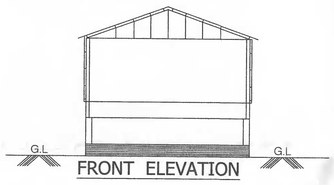
OFFICE USE:-

BLOCK- 6

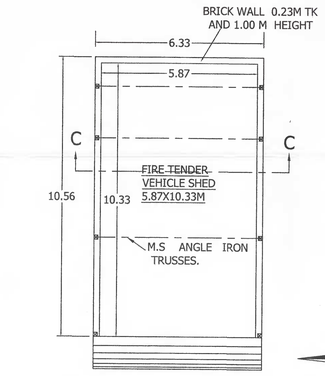
REFERENCE TO JOINERIES:-	
D-DOOR	1.06X2.10M
D1-DOOR	1.00X2.10M
V-VENTILATOR	1.00X0.60M
J-JOLLY WORK	0.90X0.60M



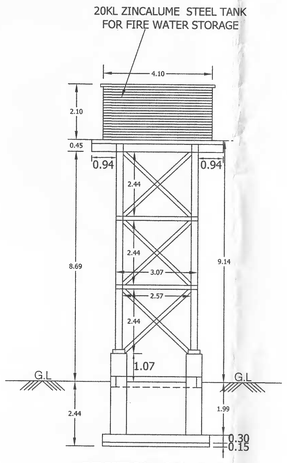
SECTION ON C-C



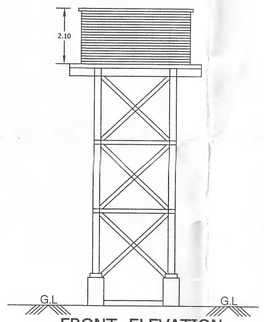
FRONT ELEVATION



PLAN OF FIRE TENDER VEHICLE SHED



SECTION ON D-D



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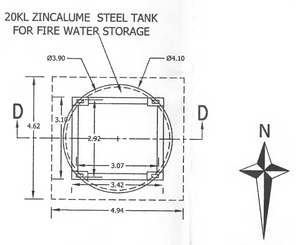
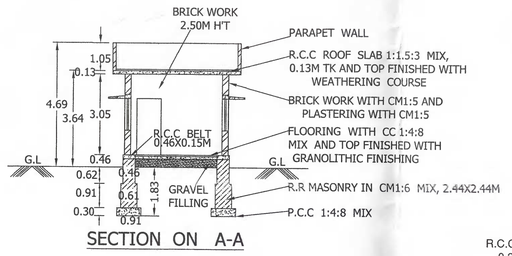


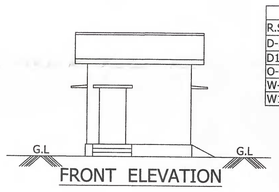
PLAN OF OHT

BLOCK-4



SECTION ON A-A

REFERENCE TO JOINERIES:-	
R.S-ROLLING SHUTTER	1.68X2.13M
D-DOOR	1.00X2.13M
D1-DOOR	0.91X2.13M
O-OPENING	0.75X2.13M
W-WINDOW	1.83X1.20M
W1-WINDOW	1.83X1.52M



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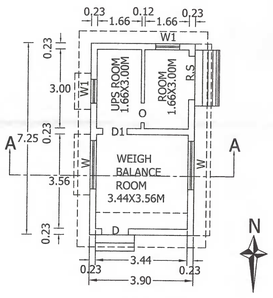
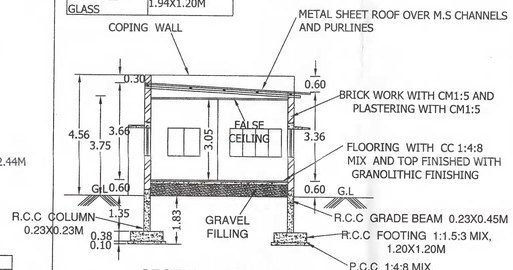


PLAN OF WEIGH BALANCE ROOM

BLOCK-5

REFERENCE TO JOINERIES:-	
D1-DOOR	0.90X1.20M
D2-DOOR	0.75X2.10M
WINDOW	1.20X1.20M
VENTILATOR	0.90X0.60M
F.G -FIXED GLASS	1.94X1.20M



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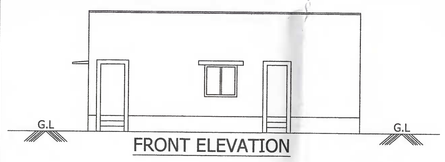
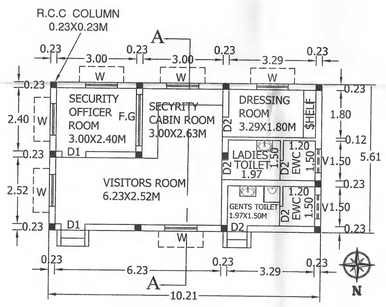


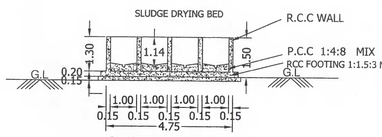
FRONT ELEVATION



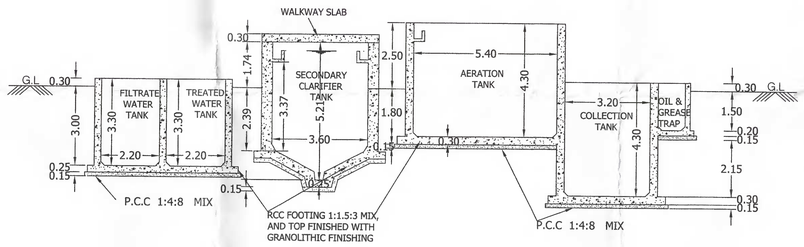
PLAN

MACHINERY LAY-OUT AND HP DETAILS:-

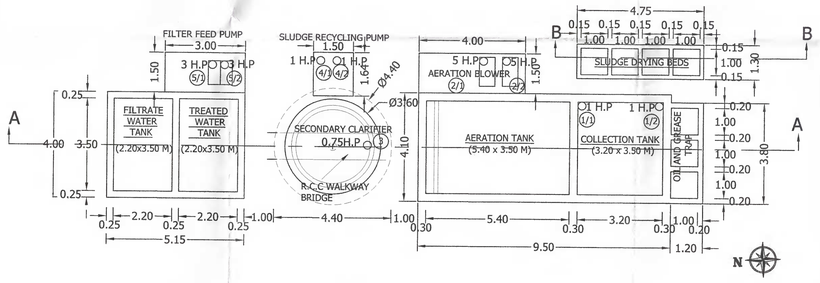
SHEET NO.	SL.NO.	NAME OF M/C.	NO. OF M/C.	H.P EACH	TOTAL H.P	GRAND TOTAL H.P		AREA OF M/C. IN SQ.M
		SEWAGE TREATMENT PLANT:-						
	1	SEWAGE TRANSFER PUMP	2	1.00	2.00			-
	2	AERATION BLOWER	2	5.00	10.00			-
	3	SECONDARY CLARIFIER	1	0.75	0.75			-
	4	SLUDGE RECYCLING PUMP	2	1.00	2.00			-
	5	FILTER FEED PUMP	2	3.00	6.00			-
	6	SEWAGE TRANSFER PUMP	8	3.00	24.00			-
		TOTAL	17 NOS.		44.75 H.P	**44.75**	**H.P**	-



SECTION ON B-B



SECTION ON A-A



PLAN OF SEWAGE TREATMENT PLANT

Er. V.MANIMARAN, ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I (SE)
Reg. No : 004 / 2019 (Gr.I)
Madurai Local Planning Authority
6/129, GST Road, Thirupparankundram,
Madurai-625 005. Mobile : 98946 12283

STRUCTURAL ENGINEER

Er. N. RAMESH, B.E.,M.E.,MIE.,
REGISTERED ENGINEER GRADE-I
SK PLANNERS & ASSOCIATES (Reg.No: 03/2021)
MADURAI DISTRICT TOWN & COUNTRY PLANNING
No: 14/14 Lajapathiroy Road,
(opp. Madurai corporation west entry gate road)
Chin[illegible]nakkulam, Madurai-625 002.
e [illegible]@plannersmadurai.com
Off: 0452-[illegible], Cell: 93440-[illegible], 93855-76969

REGISTERED ENGINEER

Er.K.GANAPATHI B.E.,M.I.E.(CIVIL)(1954)
REGISTERED Construction Engineer / Chartered Engineer
(CMDA Regn No: CE/19/05/224 Dt. 06.05.2019)
GEOMATRIX CONSULTANCYY, (Regn No: 330242233482E)
No.22, Thomas Street, Narimedu, Madurai - 625002.
Ph: 7598031360, 0452-2905566
Email: geomatrixconsultancy@gmail.com

CONSTRUCTION ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)

(N. MOHANA RENGAN)
PRESIDENT.

APPLICANT

BLOCK-7 (FIRE HYDRANT PUMP ROOM)
BLOCK-8 (HEAVY VEHICLE SHED)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT. SCALE:- 1:100

(PROPOSED TOTAL H.P = 3750.00 H.P)

ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

BUILDING AREA DETAILS:-

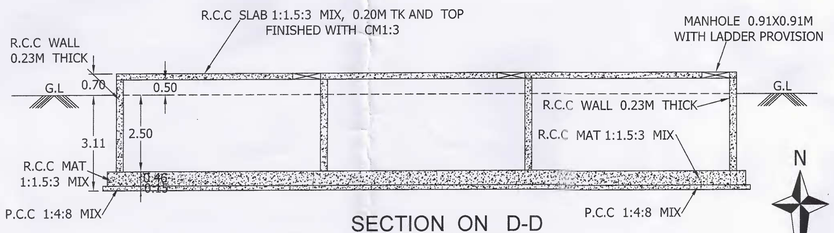
SL.NO	BLOCK NO.	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	7	FIRE HYDRANT PUMP ROOM - GROUND FLOOR	64.34
2	8	HEAVY VEHICLE SHED - GROUND FLOOR	65.17
		TOTAL	129.51

REFERENCE:-	
⬭	PROPOSED BUILDING

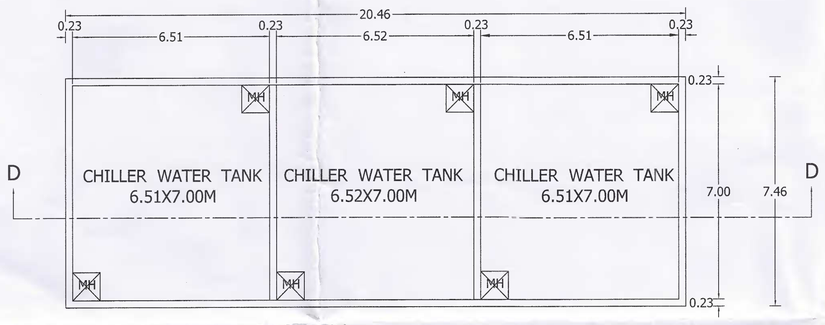
PROPOSED MACHINERY LAY-OUT AND HP DETAILS:-

SHEET NO.	SL.NO.	NAME OF M/C.	NO. OF M/C.	H.P EACH	TOTAL H.P	GRAND TOTAL H.P		AREA OF M/C. IN SQ.M
9		FIRE HYDRANT PUMP ROOM:-						
	1	JOCKEY PUMP	1	7.37	7.37			0.69
	2	MAIN PUMP	1	73.68	73.68			1.23
	3	DIESEL ENGINE PUMP	1	94.00	94.00			2.24
		TOTAL	3 NOS.		175.05 H.P	**175.05**	**H.P**	4.16 SQ.M
		GENERAL:-						
		LIFT	2	12.53	25.06			
		LIGHTING LOAD	-	-	24.88			
		TOTAL	2 NOS.		49.94 H.P	**49.94**	**H.P**	

OFFICE USE:-



SECTION ON D-D

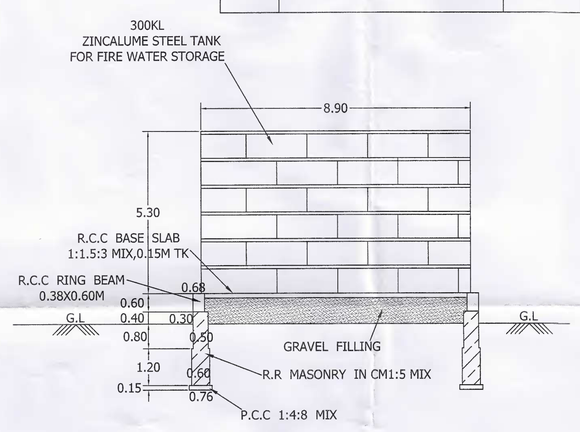


PLAN OF CHILLER WATER TANK

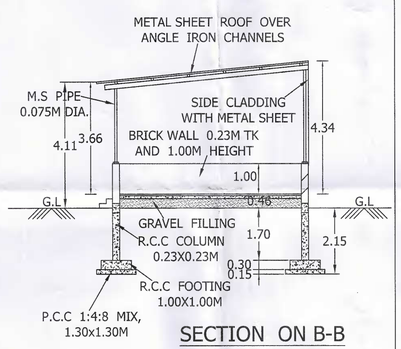
BLOCK-7

PROPOSED MACHINERY LAY-OUT AND HP DETAILS:-

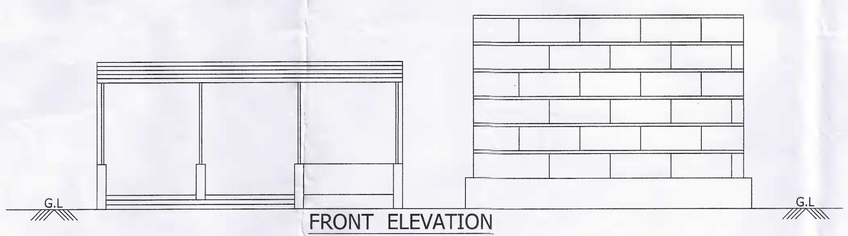
SL.NO.	NAME OF M/C.	NO. OF M/C.	H.P EACH	TOTAL H.P	AREA OF M/C. IN SQ.M
	FIRE HYDRANT PUMP ROOM:-				
1	JOCKEY PUMP	1	7.37	7.37	0.69
2	MAIN PUMP	1	73.68	73.68	1.23
3	DIESEL ENGINE PUMP	1	94.00	94.00	2.24
	TOTAL	3 NOS.		175.05 H.P	4.16 SQ.M



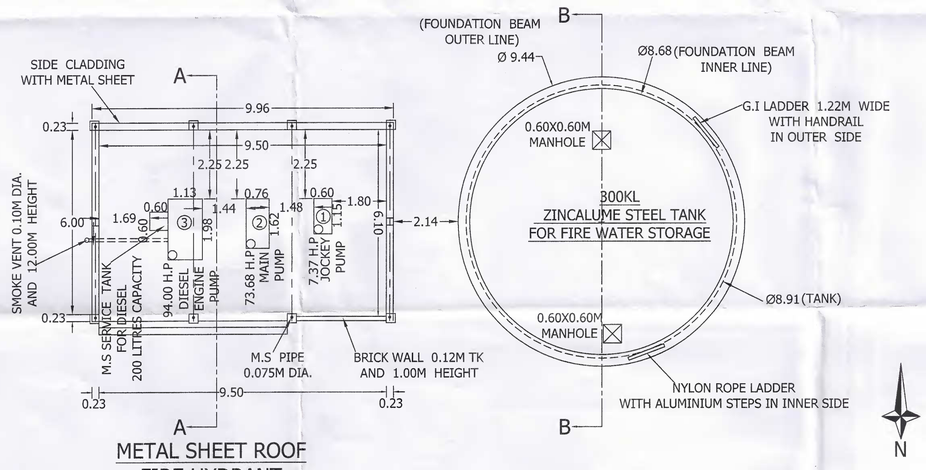
SECTION ON A-A



SECTION ON B-B



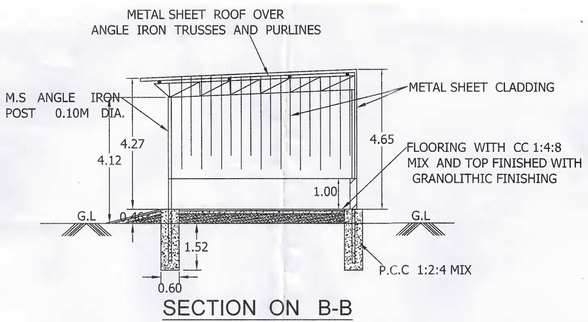
FRONT ELEVATION



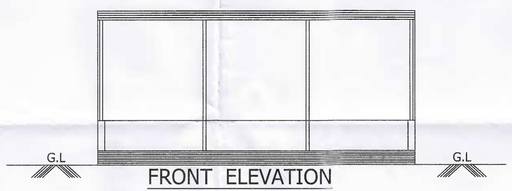
METAL SHEET ROOF FIRE HYDRANT PUMP ROOM

PLAN

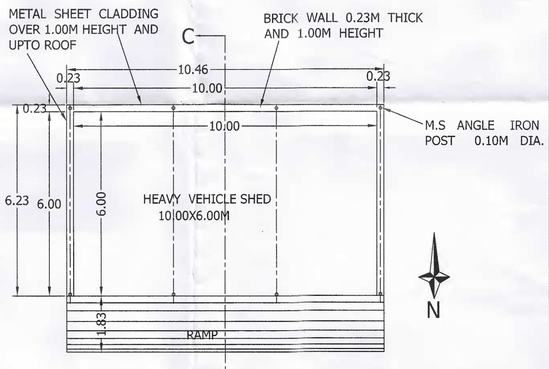
BLOCK-8



SECTION ON B-B



FRONT ELEVATION



PLAN

Er.V.MANIMARAN, ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I (SE)
Reg. No : 004 / 2019 (Gr.I)
Madural Local Planning Authority
6/129, GST Road, Thirupparankundram,
Madural-625 005. Mobile : 98946 12283

STRUCTURAL ENGINEER

Er. N. RAMESH, B.E.,ME.,MIE.,
REGISTERED ENGINEER GRADE-I
SK PLANNERS & ASSOCIATES (Reg.No: 03/2021)
MADURAI DISTRICT TOWN & COUNTRY PLANNING
No: 14/12 Lajapathiroy Road,
(opp. Madurai corporation west entry gate road)
Chinna Chokkikulam. Madurai-625 002.
email: skplannersmdu@gmail.com
Off: 0452-4231601, Cell: 93445-99161, 63855-78969

REGISTERED ENGINEER

Er.K.GANAPATHI, B.E.,M.E.,F.I.E.,F.I.V.,D.Litt.,(USA)
REGISTERED Construction Engineer / Chartered Engineer
(CMDA Regn No: CE/19/05/224 Dt. 06.05.2019)
GEOMATRIX CONSULTANCYY, (Regn No: 33024223348 2E)
No.22, Thomas Street, Narimedu, Madurai - 625002.
Ph: 7598031360, 0452-2905566
Email: geomatrixconsultancy@gmail.com

CONSTRUCTION ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
(N. MOHANARENGAN)
Authorised Signatory.

APPLICANT

BLOCK-9 (CANTEEN GROUND FLOOR AND FIRST FLOOR)

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

SCALE:- 1:100

(PROPOSED TOTAL H.P = 3750.00 H.P)

ORANGE CATEGORY OF INDUSTRIES(COTTON SPINNING AND WEAVING).

NOTE:-

DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.

STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED
MECHANICAL VENTILATION TO BE PROVIDED

SCHDULE OF JOINERY:-

ID	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	2.40X2.40M
DD	DOUBLE DOOR	1.80X2.40M
DD1	DOUBLE DOOR	1.20X2.40M
D2	DOOR	1.00X2.40M
D3	DOOR	0.75X2.10M
W	WINDOW	1.80X1.50M
W1	WINDOW	1.20X1.50M
W2	WINDOW	0.75X1.50M
V	VENTILATOR (COLUMN TO COLUMN)	0.75M DEPTH
V1	N-TYPE VENTILATOR	3.30X1.00M
V2	N-TYPE VENTILATOR	3.30X0.67M

BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)	AREA IN SQ.M (NON F.S.I)	
1	GROUND FLOOR	362.63	-	-
2	FIRST FLOOR	339.53	-	-
3	TERRACE FLOOR		21.98	HEAD ROOM
	TOTAL	702.16	21.98	

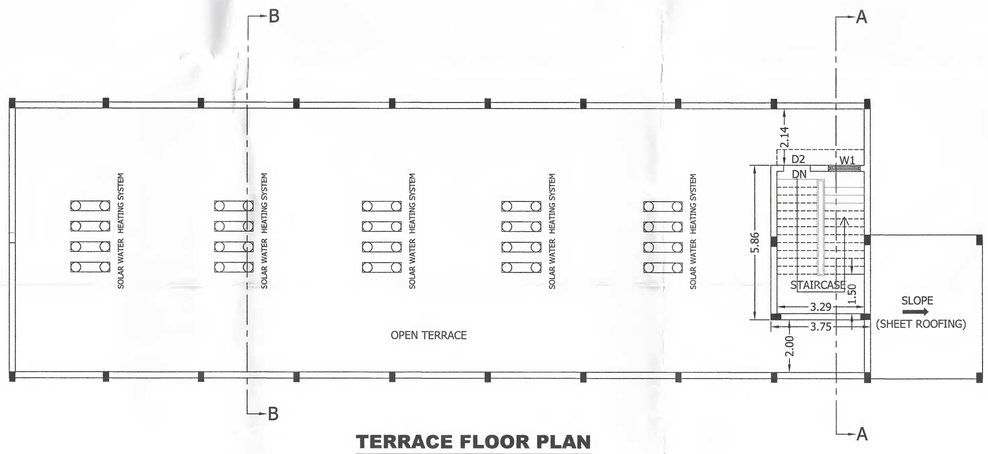
REFERENCE:-

PROPOSED BUILDING

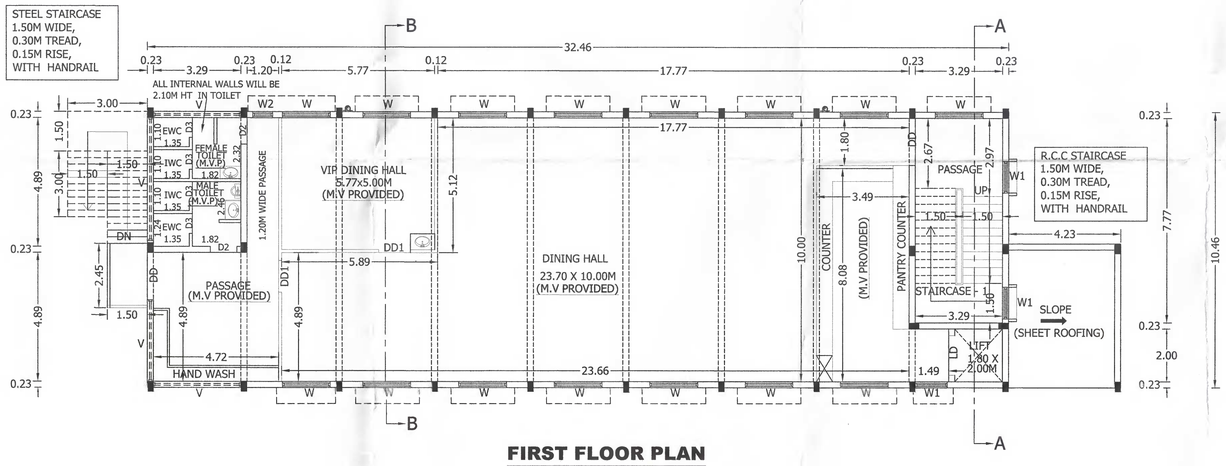
OFFICE USE:-



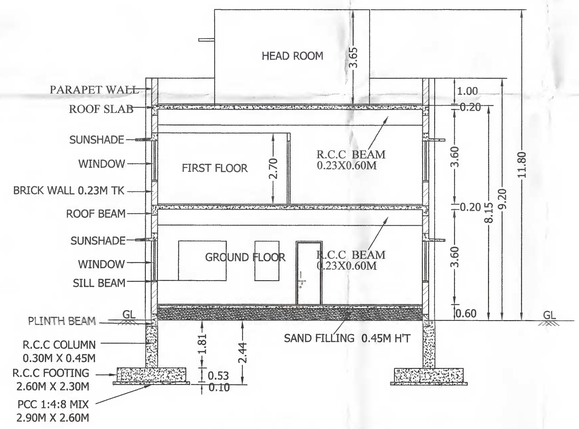
NORTH SIDE ELEVATION



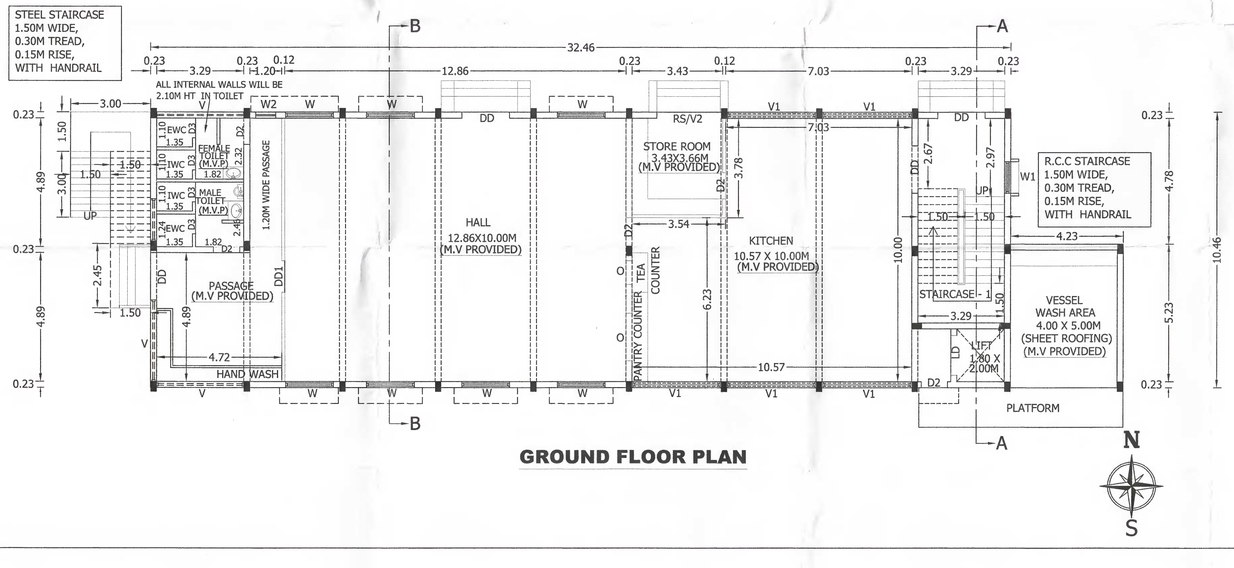
TERRACE FLOOR PLAN



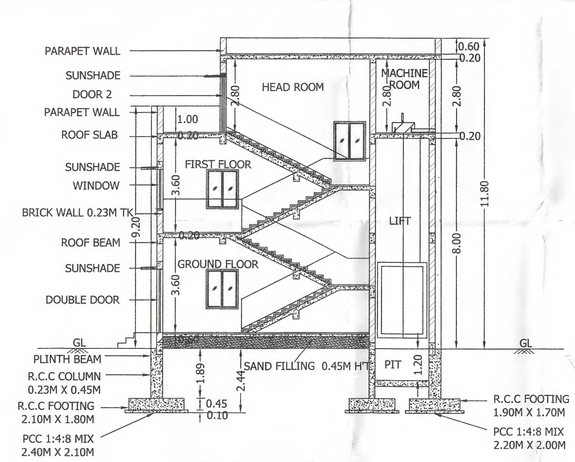
FIRST FLOOR PLAN



SECTION ON B-B



GROUND FLOOR PLAN



SECTION ON A-A

V. Manimaran

Er.V.MANIMARAN,ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I(SE)
Reg. No : 004 / 2019 (Gr.I)
Madurai Local Planning Authority
6/129, GST Road, Thiruparankundram,
Madurai-625 005. Mobile : 98946 12283

STRUCTURAL ENGINEER

N. Ramesh

Er. N. RAMESH, B.E M.E MIE.,
REGISTERED ENGINEER GRADE I
SK PLANNERS & ASSOCIATES (Reg.No: 03/2021)
MADURAI DISTRICT TOWN & COUNTRY PLANNING
No. 14/12 Jananpuram Road,
(opp. Nehru Bus Stop, near entry gate road)
Madurai Corporation West Zone-I,
Madurai-625 002.
Email: sknramesh.Madurai@gmail.com
Off: 0452- 55-78969
Mob: 94427[illegible] 63693-78969

REGISTERED ENGINEER

G. Gnapathi

Er.K.GANAPATHI B.E M.E F.I.E F.I.V D.I.M. (USA)
REGISTERED Construction Engineer / Chartered Engineer
(CIDA Regn No: CEI/1955/224 Dt. 06.05.2019)
GEOMATRIX CONSULTANCYY, (Regn No: 330242233482E)
No.22, Thomas Street, Narimedu, Madurai - 625002.
Ph: 7868831360, 0452-2605566
Email: geomatrixconsultancy@gmail.com

CONSTRUCTION ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)

N. Mohana Rengan

(N. MOHANA RENGAN)
PRESIDENT.

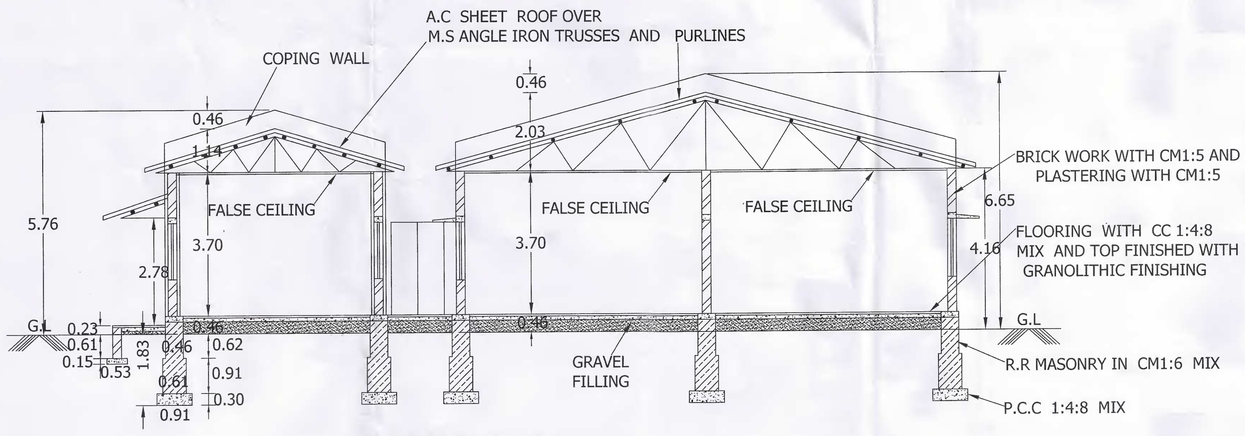
APPLICANT

BLOCK-10 (WORKER'S REST ROOM)

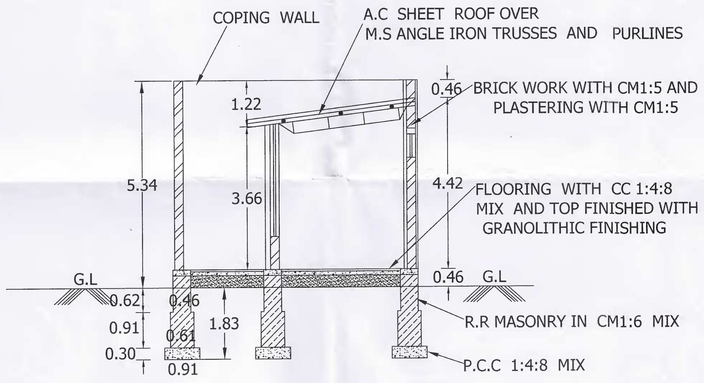
SHEET NO.12

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT. **SCALE:- 1:100**

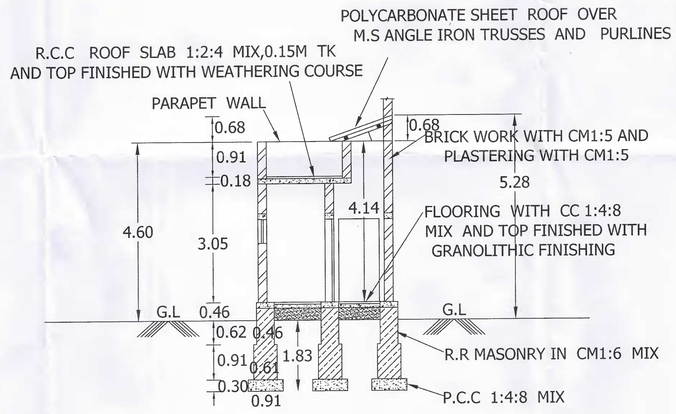
(PROPOSED TOTAL H.P = 3,750.00 H.P)
ORANGE CATEGORY OF INDUSTRIES(COTTON SPINNING AND WEAVING).



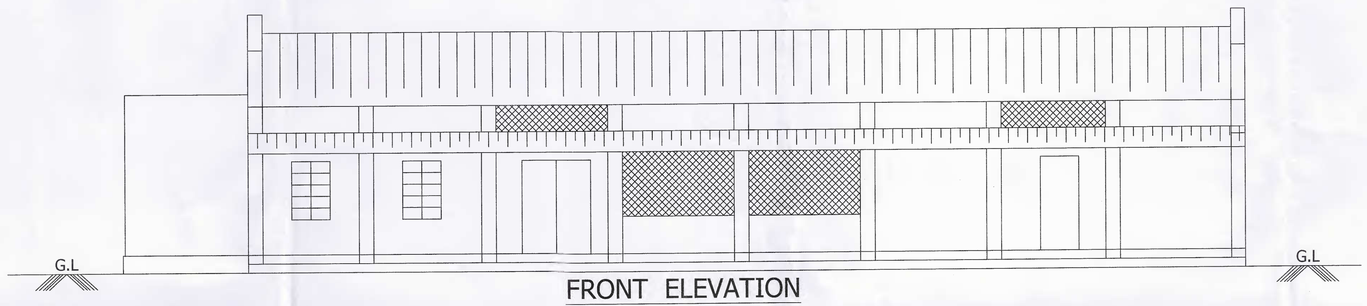
SECTION ON C-C



SECTION ON B-B



SECTION ON A-A



FRONT ELEVATION

REFERENCE TO JOINERIES:-	
D-DOOR	1.22X2.44M
D1-DOOR	1.68X2.44M
D2-DOOR	1.00X2.44M
D3-DOOR	0.76X2.13M
D4-DOOR	1.83X2.44M
D5-DOOR	1.37X2.44M
O-OPENING	1.83X2.44M
O1-OPENING	1.00X2.44M
W-WINDOW	1.83X1.52M
W1-WINDOW	1.00X1.52M
J-JOLLY WORK	0.90X0.60M
J1-JOLLY WORK	1.20X0.60M
J2-JOLLY WORK	1.50X0.60M
J3-JOLLY WORK	0.60X0.60M
WM-WELDMESH	0.85M ABOVE FFL AND UPTO ROOF

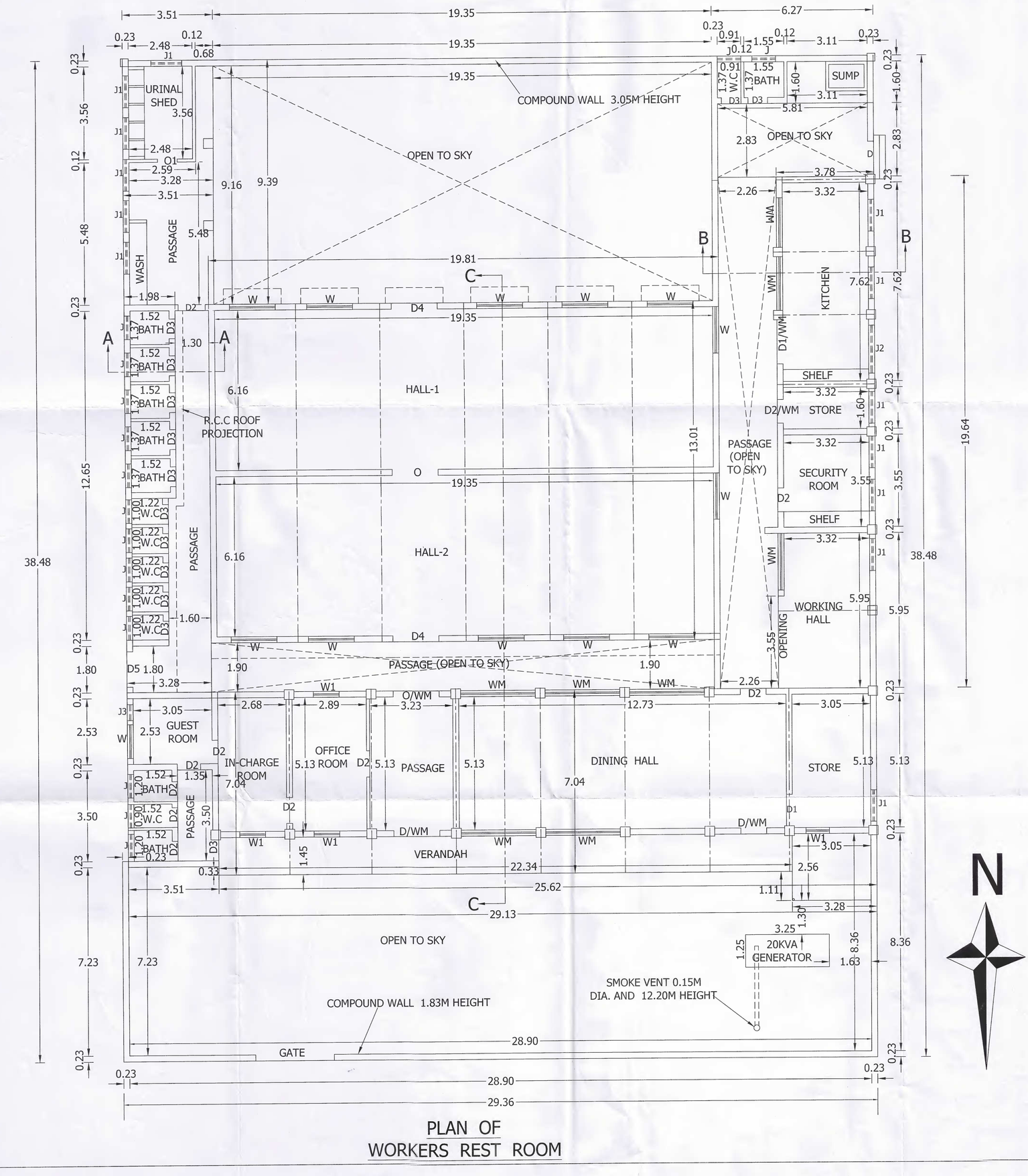
BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)
1	GROUND FLOOR	632.86

REFERENCE:-
PROPOSED BUILDING

NOTE:-
DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.
STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED

OFFICE USE:-



PLAN OF
WORKERS REST ROOM

Er.V.MANIMARAN, ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I (SE)
Reg. No : 004 / 2019 (Gr.I)
Madural Local Planning Authority
6/129, GST Road, Thirupparankundram,
Madural-625 005. Mobile : 98946 12283

STRUCTURAL ENGINEER

Er. N. RAMESH, B.E.,ME.,MIE.,
REGISTERED ENGINEER GRADE-I
SK PLANNERS & ASSOCIATES (Reg.No: 03/2021)
MADURAI DISTRICT TOWN & COUNTRY PLANNING
No: 14/12 Lajapathiroy Road,
(opp. Madurai corporation west entry gate road)
Chinna Chokkikuiam, Madural-625 002.
email: skplannersmdu@gmail.com
Off: 0452-4231601, Cell: 93445-89161, 63855-78969

REGISTERED ENGINEER

Er.K.GANAPATHI B.E.,ME.,F.I.E.,F.I.V.,(LIFE,USA)
REGISTERED Construction Engineer / Chartered Engineer
(CMDA Regn No: CE/19/05/224 Dt. 06.05.2019)
GEOMATRIX CONSULTANCYY, (Regn No: 330242233482E)
No.22, Thomas Street, Narimedu, Madural - 625002.
Ph: 7598031360, 0452-2905566
Email: geomatrixconsultancy@gmail.com

CONSTRUCTION ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
(N. MOHANARENGAN)
Authorised Signatory.

APPLICANT

NOTE:-
DRAINAGE TO BE CONNECTED WITH PUBLIC SEWER WITH NECESSARY PERMISSION.

STRUCTURE IS SAFE FOR EARTHQUAKE
FIRE EXTINGUISHER TO BE PROVIDED
SOLID WASTE DISPOSAL TO BE PROVIDED
INDUSTRIAL COOLING SYSTEM TO BE PROVIDED
M.V =MECHANICAL VENTILATION TO BE PROVIDED

BLOCK-11 (GENTS HOSTEL G.F AND F.F)

SHEET NO.13

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

SCALE:- 1:100

(PROPOSED TOTAL H.P = 3,750.00 H.P)
ORANGE CATEGORY OF INDUSTRIES(COTTON SPINNING AND WEAVING).

SCHDULE OF JOINERIES

ID	DESCRIPTION	SIZE
DD	DOUBLE DOOR	1.50X2.10M
D	DOOR	1.00X2.10M
D2	TOILET DOOR	0.75X2.10M
W	WINDOW	1.20X1.20M
V	VENTILATOR	2.50X0.55M
V1	VENTILATOR	0.90X0.60M
RCJ	RC JALY	2.60X1.20M

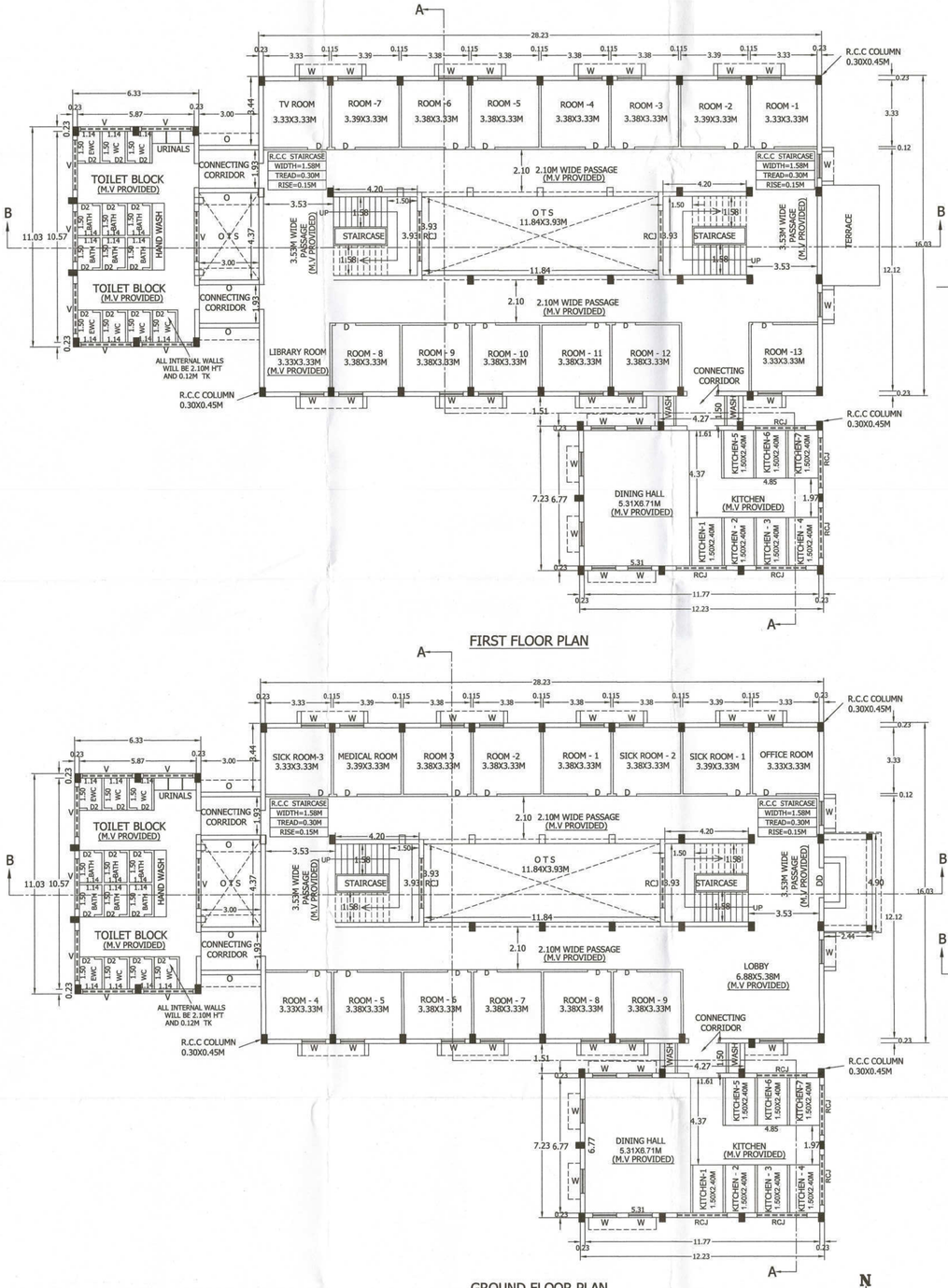
BUILDING AREA DETAILS:-

SL.NO	NAME OF THE BUILDING	AREA IN SQ.M (F.S.I)	AREA IN SQ.M (NON F.S.I)	
1	GROUND FLOOR	596.94	-	
2	FIRST FLOOR	584.98	-	
3	TERRACE FLOOR	-	41.53	HEAD ROOM
	TOTAL	1181.92	41.53	

REFERENCE:-
PROPOSED BUILDING

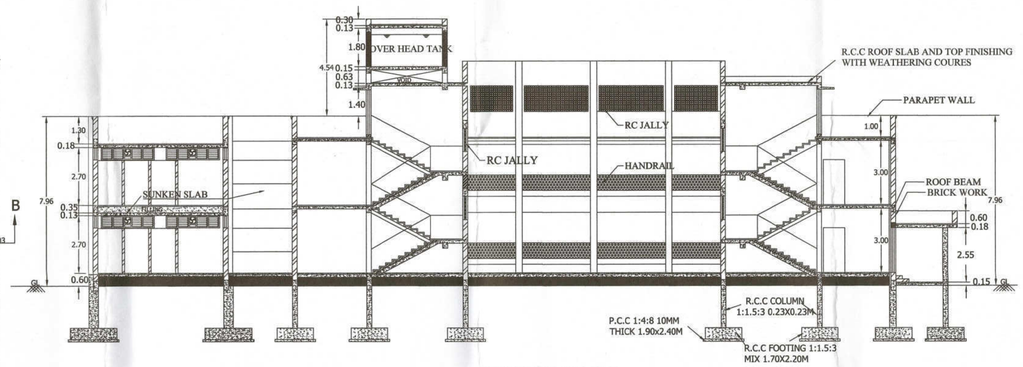


FRONT ELEVATION

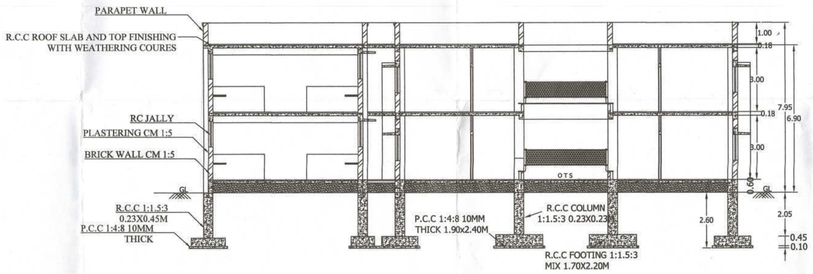


FIRST FLOOR PLAN

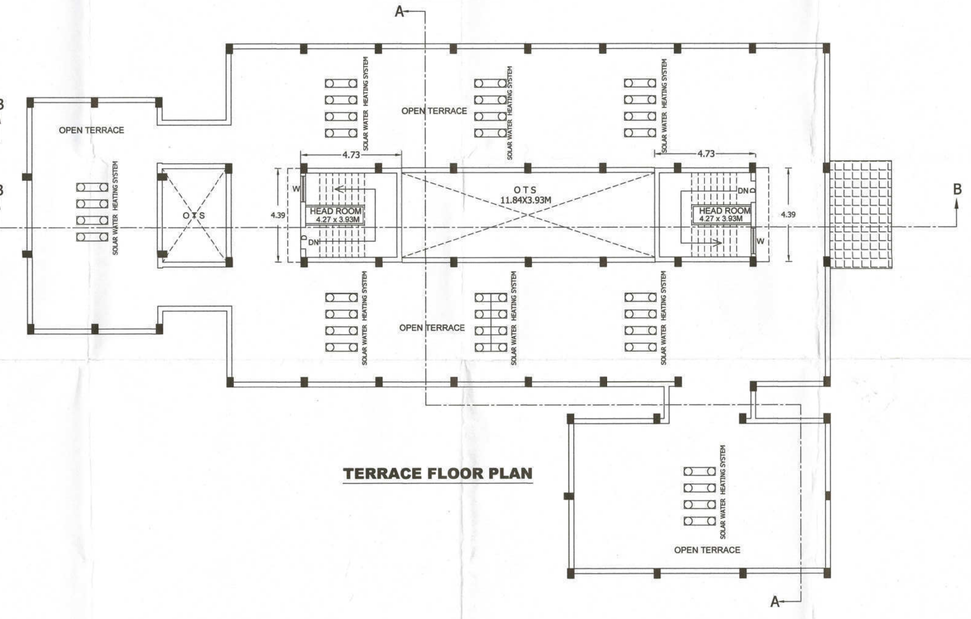
GROUND FLOOR PLAN



SECTION ON B-B



SECTION ON A-A



TERRACE FLOOR PLAN

OFFICE USE:-

V.M
Er.V.MANIMARAN,ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I(IE)
Reg.No : 004 / 2019 (Gr.I)
Madurai Local Planning Authority
67/28, GST Road, Thirupparankundram,
Madurai-625 005. Mobile . 98946 12283

STRUCTURAL ENGINEER

G. Ramesh
Er. N. RAMESH, B.E.,M.E.,
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REGISTERED ENGINEER

K. Ganapathi
Er.K.GANAPATHI B.E.,M.E.F.I.E.,F.I.V.,M.I.M.,(IEM)
REGISTERED Construction Engineer / Chartered Engineer
(CMDA Regn No: CE-1995/224 Dt. 01.05.2013)
GEOMATRIX CONSULTANCY(F), (Regn No: 110242233-4B26)
No.22, Thomas Street, Kimi-Nagar, Madurai - 625002.
Ph: 7598531303, 0452-2534566
Email: geomatrixconsultantsltd@gmail.com

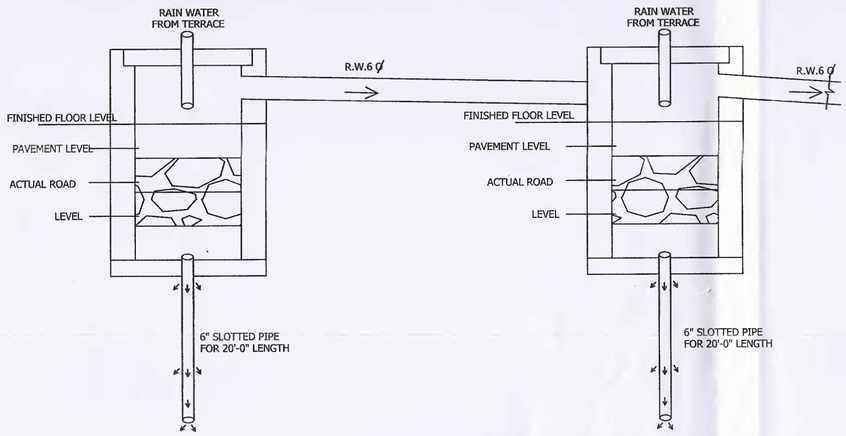
CONSTRUCTION ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
N. Mohana Rengan
(N. MOHANA RENGAN)
PRESIDENT.

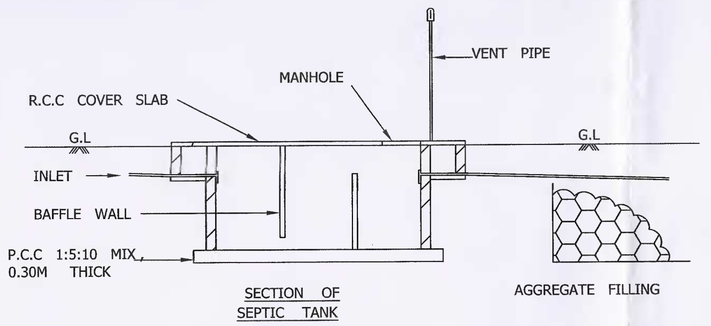
APPLICANT

PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

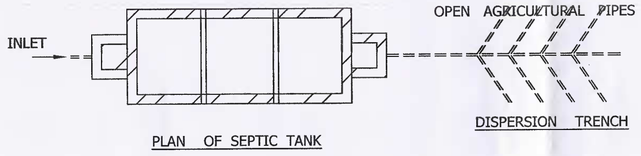
SCALE:- 1:50



RAIN WATER COLL. TANK
NTS

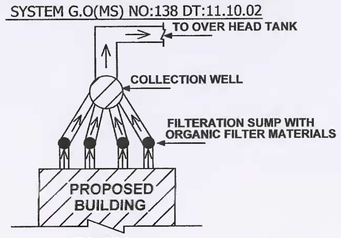


SECTION OF SEPTIC TANK

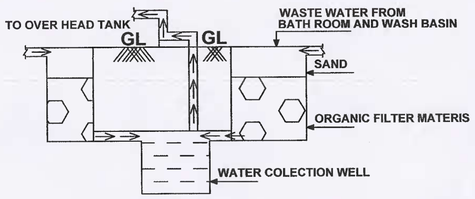


PLAN OF SEPTIC TANK

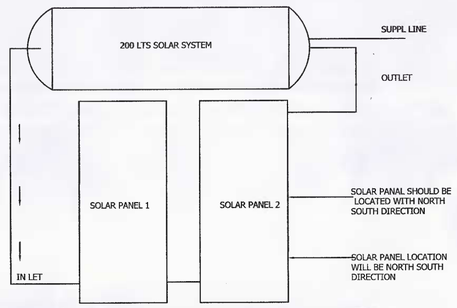
WASTE WATER FILTERATION BY RECIRCULATION
SYSTEM G.O(MS) NO:138 DT:11.10.02



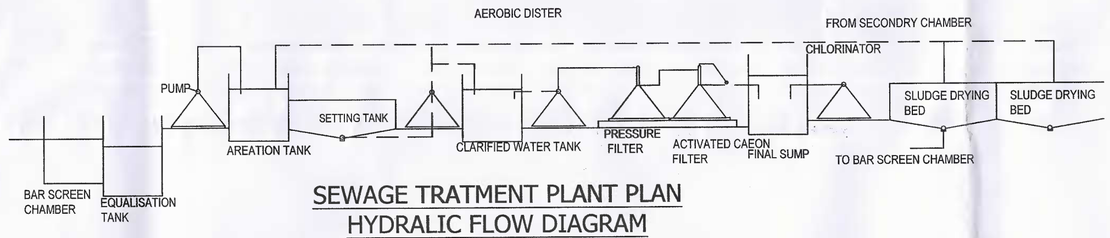
PLAN



SECTION



SOLAR WATER HEATING SYSTEM
NTS



SEWAGE TRATMENT PLANT PLAN
HYDRALIC FLOW DIAGRAM
NTS

PLAN AND SECTION OF ORGANIC FILTERATION SUMP WITH COLLECTION WELL

Er. N. RAMESH, B.E.,M.E.,MIE.,
REGISTERED ENGINEER GRADE-I
SK PLANNERS & ASSOCIATES (Reg.No: 03/2021)
MADURAI DISTRICT TOWN & COUNTRY PLANNING
No: 14/12 Lajapathiroy Road,
(opp. Madurai corporation west entry gate road)
Chinna Chokkikulam, Madurai-625 002.
email: skplannersmdu@gmail.com
Off: 0452-4231601, Cell: 93445-89161, 63855-78969

ENGINEER

For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)

(N. MOHANARENGAN)
Authorised Signatory.

APPLICANT

SHEET NO.1

SITE PLAN SHOWING THE PROPOSED FACTORY BUILDING IN M/S. RAJAPALAYAM MILLS LIMITED - FABRIC DIVISION (WEAVING UNIT) AT TOWN SURVEY NOS. 4 /10A2, 5, 7 /1, 7 /3, 8 /1B AND 8 /2 IN WARD J , BLOCK NO.5 , RAJAPALAYAM MUNICIPALITY, VIRUDHUNAGAR DISTRICT.

SCALE:-1:600

(PROPOSED TOTAL H.P = 3750.00 H.P)
ORANGE CATEGORY OF INDUSTRIES (COTTON SPINNING AND WEAVING).

N
W E
S

REFERENCE:-
- SITE BOUNDARY
- PROPOSAL
- ROAD
- OSR

MAXIMUM NO. OF WORKERS MAY BE EMPLOYED:-	
MALE	250 NOS.
FEMALE	100 NOS.
TOTAL	350 NOS.

LAND AREA DETAILS AS PER SLR:-

SL. NO.	TOWN SURVEY NO.	TOTAL AREA IN SQ.M	TOTAL AREA IN ACRES
1	4 /10A2	108.00	0.03
2	5	10200.00	2.52
3	7 /1	13680.00	3.38
4	7 /3	19134.00	4.73
5	8/1B	8103.00	2.00
6	8 /2	140.00	0.03
	TOTAL	51365.00	12.69

SITE AREA DETAILS:-

DESCRIPTION	AREA IN SQ.M	AREA IN ACRES
AREA OF THE SITE (DOCUMENT)	57692.00	14.25
AREA OF THE SITE (SLR)	51365.00	12.69
CONSIDER LEAST AREA OF THE SITE	51365.00	12.69

NOTE:-
T.S NO. 7/2 AND 7 /4 ARE NOT CONSIDERED.
CONSIDERED LEAST AREA OF THE SITE=51,365.00 SQ.M (AS PER TSLR)

BUILDING AREA DETAILS:-

BLOCK NO.	NAME OF THE BUILDING	TYPES OF ROOF	AREA IN SQ.M (F.S.I)	AREA IN SQ.M (NON F.S.I)	
BLOCK-1	LOOM HALL,YARN GODOWN AND FABRIC INSPECTION HALL	R.C.C AND METAL SHEET ROOF			
a	GROUND FLOOR	-	11163.03	-	
b	MEZZENINE FLOOR	-	38.27	-	
c	FIRST FLOOR	-	3992.54	-	
BLOCK-2	FABRIC WAREHOUSE AND SERVICE BAY	R.C.C AND METAL SHEET ROOF			
	GROUND FLOOR		3386.73	-	
	MEZZENINE FLOOR		462.77	-	
BLOCK-3	M.V PANEL ROOM, BREAKER ROOM, APFC PANEL ROOM AND GENERATOR ROOM	R.C.C AND METAL SHEET ROOF	650.91	-	
BLOCK-4	WEIGH BALANCE ROOM	R.C.C ROOF	28.28	-	
BLOCK-5	SECURITY ROOM	METAL SHEET ROOF	57.28	-	
BLOCK-6	FIRE TENDER VEHICLE SHED	METAL SHEET ROOF	66.84	-	
BLOCK-7	FIRE HYDRANT PUMP ROOM	METAL SHEET ROOF	134.36	-	
BLOCK-8	HEAVY VEHICLE SHED	METAL SHEET ROOF	65.17	-	
BLOCK-9	CANTEEN IN GROUND FLOOR	R.C.C ROOF & METAL SHEET ROOF	362.63	-	
	CANTEEN IN FIRST FLOOR	R.C.C ROOF	339.53	-	
	SECOND FLOOR (TERRACE FLOOR)			21.98	HEAD ROOM
BLOCK-10	WORKER'S REST ROOM	A.C SHEET & R.C.C ROOF	632.86	-	
BLOCK-11	GENT'S HOSTEL				
	GROUND FLOOR	R.C.C ROOF	596.94	-	
	FIRST FLOOR	R.C.C ROOF	584.98	-	
	SECOND FLOOR (TERRACE FLOOR)			41.53	HEAD ROOM
	STEEL OHT	-	22.82		
	TOTAL PROPOSED BUILDING AREA IN SQ.M		**22585.94**	**63.51**	

$$F.S.I = \frac{22585.94}{51365.00} = 0.44 < 1.50$$

O.S.R REQUIRED = 5136.50 SQ.M

O.S.R PROVIDED = 5343.04 SQ.M(10.40%)

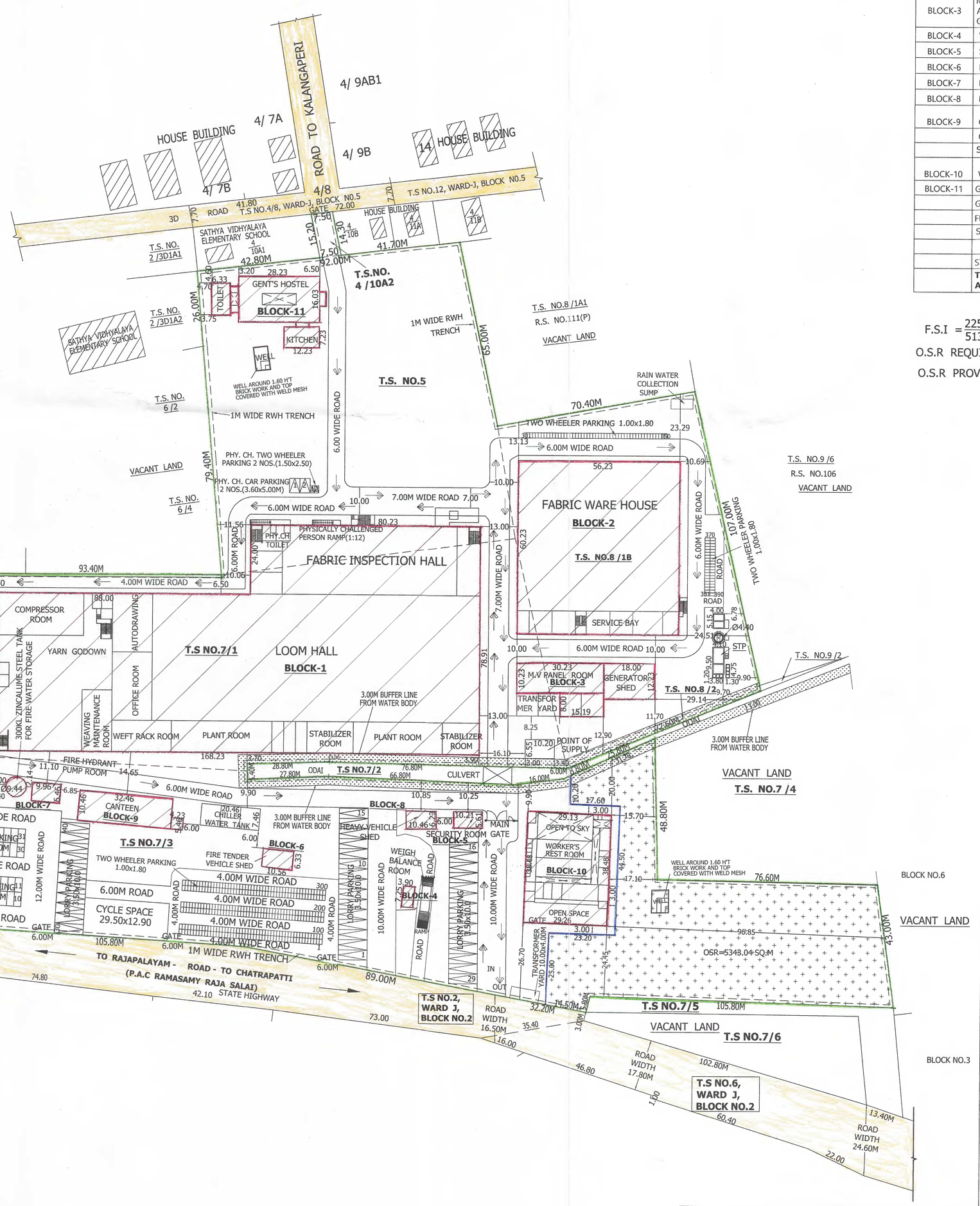
PARKING AREA REQUIREMENT (IN SQ.M):-

BLOCK	TOTAL BUILDING AREA	OFFICE FLOOR AREA	WORK SHOP FLOOR AREA
1	15193.84	2568.55	12625.29
2	3849.50	925.55	2923.95
3	650.91	-	650.91
4	28.28	28.28	-
5	57.28	57.28	-
6	66.84	-	66.84
7	64.34	-	64.34
8	65.17	-	65.17
9	702.16	-	702.16
10	632.86	90.53	542.33
11	1181.92	-	1181.92
	22493.10	3670.19	18822.91

CAR PARKING REQUIRED AS 1NO. FOR EVERY 100 SQ.M OF OFFICE FLOOR AREA	-	37 NO.
CAR PARKING PROVIDED	-	40 NO.
LORRY PARKING REQUIRED AS 1NO. FOR EVERY 500 SQ.M OF WORKSHOP FLOOR AREA	38 NO.	-
LORRY PARKING PROVIDED	40 NO.	-
TWO WHEELER SPACE REQUIRED AS 1NO. FOR EVERY 50 SQ.M OF WORKSHOP FLOOR AREA	376 NO.	-
TWO WHEELER SPACE PROVIDED	390 NO.	-
CYCLE SPACE REQUIRED AS 1NO. FOR EVERY 50 SQ.M OF WORKSHOP FLOOR AREA	376 NO.	-
CYCLE SPACE PROVIDED	380 NO.	-

PHYSICALLY CHALLENGED PERSON CAR PARKING = 2 NOS.
PHYSICALLY CHALLENGED PERSON TWO WHEELER PARKING = 2 NOS.

OFFICE USE:-



Er.K.GANAPATHI B.E.,M.E.,F.I.E.,F.I.V.,D.I.M. (USA)
REGISTERED Construction Engineer / Chartered Engineer
(CMDA Regn No: CE/19/05/224 Dt. 06.05.2019)
GEOMATRIX CONSULTANCY, (Regn No: 330242233482E)
No.22, Thomas Street, Narimedu, Madurai - 625002.
Ph. 7598031360, 0452-2905586
Email: geomatrixconsultancy@gmail.com
CONSTRUCTION ENGINEER

Er.V.MANIMARAN, ME(Structures)
Consulting Engineer & Valuer
Registered Structural Engineer Grade-I (SE)
Reg. No : 004 / 2010 (Gr.I)
Madurai Local Planning Authority
6/129, GST Road, Thirupparankundram,
Madurai-625 005. Mobile 98946 12283
STRUCTURAL ENGINEER

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REGISTERED ENGINEER GRADE-I
S[illegible] PLANNERS & ASSOCIATES (Reg.No: 03/2021)
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For RAJAPALAYAM MILLS LIMITED
FABRIC DIVISION (WEAVING UNIT)
(N. MOHANA RENGAN)
PRESIDENT.
APPLICANT

Signature Not Verified
Signed by: Deputy Director
Location: Virudhunagar
Date: 2023.08.[illegible]43:56
Signature Not Verified
Signed by: Director
Location: null
Date: 2023.05.[illegible]55:09